# Index to Volume 117

## Author index*


### A

Aaronson DW. The "black box" warning and allergy drugs. 2006;117:40-4 (Rostrum)
Abramson MJ (*see* Lowe et al). 2006;117:682-7
Accordini S (*see* de Marco et al). 2006;117:1249-56
Acharya KR (*see* Mandron et al). 2006;117:1141-7
Adachi M (*see* Kawaguchi et al). 2006;117:795-801
Adcock IM (*see* Barczyk et al). 2006;117:1484-92
Adcock IM (*see* Ito et al). 2006;117:522-43 (Current perspectives)
Adelroth E (*see* Subbarao et al). 2006;117:1008-13
Adkinson NF Jr (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Agea E (*see* Russano et al). 2006;117:1178-84
Ahrazem O (*see* Palacín et al). 2006;117:1423-9
Akdis CA (*see* Verhagen et al). 2006;117:176-83
Akdis M (*see* Verhagen et al). 2006;117:176-83
Akira S (*see* Kaisho and Akira). 2006;117:979-87
Alam R (*see* Yasnowsky et al). 2006;117:1430-4
Alemany S (*see* Pérez de Diego et al). 2006;117:1462-9
Alenius H (*see* Sonkoly et al). 2006;117:411-7
Alenius H (*see* Yalcindag et al). 2006;117:1455-61
Alessandrini F, Schulz H, Takenaka S, Lentner B, Karg E, Behrendt H, Jakob T. Effects of ultrafine carbon particle inhalation on allergic inflammation of the lung. 2006;117:824-30
Alexis NE, Lay JC, Zeman K, Bennett WE, Peden DB, Soukup JM, Devlin RB, Becker S. Biological material on inhaled coarse fraction particulate matter activates airway phagocytes *in vivo* in healthy volunteers. 2006;117:1396-403
Alexis NE, Peden DB. Inflammatory response of the airway to inhaled endotoxin correlates with body mass index in atopic patients with asthma but not in normal volunteers. 2006;117:1185-6 (Letters to the editor)
Allaf B (*see* Bousquet et al). 2006;117:158-62
Allam J-P (*see* Maintz et al). 2006;117:1106-12
Alm JS (*see* Flöistrup et al). 2006;117:1507-8 (Correspondence)
Alm JS (*see* Flöistrup et al). 2006;117:59-66
Almar E (*see* de Marco et al). 2006;117:1249-56
Almo S (*see* Flicker et al). 2006;117:1336-43
Alt R (*see* Seidel-Guyenot et al). 2006;117:1170-7
Ameredes BT, Panettieri RA Jr. Effect of genotype on responses to enantiomers and the significance of the eudismic analysis in asthma research. 2006;117:712-3 (Letter reply)
Amin HS, Liss GM, Bernstein DI. Evaluation of near-fatal reactions to allergen immunotherapy injections. 2006;117:169-75
Amoroso S (*see* Passalacqua et al). 2006;117:946-8 (Letters to the editor)
Ampleford EJ (*see* Dijkstra et al). 2006;117:604-11
Anderson D (*see* Ball et al). 2006;117:306-11
Anderson SD, Sue-Chu M, Perry CP, Gratziou C, Kippelen P, McKenzie DC, Beck KC, Fitch KD. Bronchial challenges in athletes applying to inhale a $\beta_2$-agonist at the 2004 Summer Olympics. 2006;117:767-73
Antas PRZ, Ding L, Hackman J, Reeves-Hammock L, Shintani AK, Schiffer J, Holland SM, Sterling TR. Decreased $CD4^+$ lymphocytes and innate immune responses in adults with previous extrapulmonary tuberculosis. 2006;117:916-23
Antonicelli L (*see* Passalacqua et al). 2006;117:946-8 (Letters to the editor)
Antunez C, Blanca-Lopez N, Torres MJ, Mayorga C, Perez-Inestrosa E, Montañez MI, Fernandez T, Blanca M. Immediate allergic reactions to cephalosporins: Evaluation of cross-reactivity with a panel of penicillins and cephalosporins. 2006;117:404-10
Aoi N, Masuda T, Murakami D, Yajima T, Mizubuchi H, Yamada H, Kawauchi H, Yoshikai Y. IL-15 prevents allergic rhinitis through reactivation of antigen-specific $CD8^+$ cells. 2006;117:1359-66
Apter AJ (*see* Schatz et al). 2006;117:995-1000
Apter AJ, Szefler SJ. Advances in adult and pediatric asthma. 2006;117:512-8
Apter AJ. The influence of health disparities on individual patient outcomes: What is the link between genes and environment? 2006;117:345-50 (Editorial)
Arbes SJ Jr (*see* Salo et al). 2006;117:473 (Correspondence)
Ariès M-F (*see* Mandron et al). 2006;117:1141-7
Armitage M (*see* Kendall et al). 2006;117:275-82
Asai K (*see* Nakajima-Adachi et al). 2006;117:1125-32
Asare A (*see* Casale et al). 2006;117:134-40
Asero R, Tedeschi A, Riboldi P, Cugno M. Plasma of patients with chronic urticaria shows signs of thrombin generation, and its intradermal injection causes wheal-and-flare reactions much more frequently than autologous serum. 2006;117:1113-7
Atherton D (*see* Taïeb et al). 2006;117:378-90
Atienza T (*see* Bateman et al). 2006;117:563-70
Audusseau S (*see* Létuvé et al). 2006;117:590-6
August A (*see* Ferrara et al). 2006;117:780-6

### B

Babu S (*see* Holgate et al). 2006;117:496-506
Bacharier LB (*see* Zeiger et al). 2006;117:45-52


*January, pp. 1-230; February, part 1, pp. 231-484; part 2, pp. S1-S428; part 3, pp. S429-S494; part 4, pp. S495-S524; March, pp. 485-722; April, part 1, pp. 723-966; part 2, pp. S525-S554; May, pp. 967-1200; June, pp. 1201-1584.

# Index to Volume 117

## Author index*


### A

Aaronson DW. The "black box" warning and allergy drugs. 2006;117:40-4 (Rostrum)
Abramson MJ (*see* Lowe et al). 2006;117:682-7
Accordini S (*see* de Marco et al). 2006;117:1249-56
Acharya KR (*see* Mandron et al). 2006;117:1141-7
Adachi M (*see* Kawaguchi et al). 2006;117:795-801
Adcock IM (*see* Barczyk et al). 2006;117:1484-92
Adcock IM (*see* Ito et al). 2006;117:522-43 (Current perspectives)
Adelroth E (*see* Subbarao et al). 2006;117:1008-13
Adkinson NF Jr (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Agea E (*see* Russano et al). 2006;117:1178-84
Ahrazem O (*see* Palacín et al). 2006;117:1423-9
Akdis CA (*see* Verhagen et al). 2006;117:176-83
Akdis M (*see* Verhagen et al). 2006;117:176-83
Akira S (*see* Kaisho and Akira). 2006;117:979-87
Alam R (*see* Yasnowsky et al). 2006;117:1430-4
Alemany S (*see* Pérez de Diego et al). 2006;117:1462-9
Alenius H (*see* Sonkoly et al). 2006;117:411-7
Alenius H (*see* Yalcindag et al). 2006;117:1455-61
Alessandrini F, Schulz H, Takenaka S, Lentner B, Karg E, Behrendt H, Jakob T. Effects of ultrafine carbon particle inhalation on allergic inflammation of the lung. 2006;117:824-30
Alexis NE, Lay JC, Zeman K, Bennett WE, Peden DB, Soukup JM, Devlin RB, Becker S. Biological material on inhaled coarse fraction particulate matter activates airway phagocytes *in vivo* in healthy volunteers. 2006;117:1396-403
Alexis NE, Peden DB. Inflammatory response of the airway to inhaled endotoxin correlates with body mass index in atopic patients with asthma but not in normal volunteers. 2006;117:1185-6 (Letters to the editor)
Allaf B (*see* Bousquet et al). 2006;117:158-62
Allam J-P (*see* Maintz et al). 2006;117:1106-12
Alm JS (*see* Flöistrup et al). 2006;117:1507-8 (Correspondence)
Alm JS (*see* Flöistrup et al). 2006;117:59-66
Almar E (*see* de Marco et al). 2006;117:1249-56
Almo S (*see* Flicker et al). 2006;117:1336-43
Alt R (*see* Seidel-Guyenot et al). 2006;117:1170-7
Ameredes BT, Panettieri RA Jr. Effect of genotype on responses to enantiomers and the significance of the eudismic analysis in asthma research. 2006;117:712-3 (Letter reply)
Amin HS, Liss GM, Bernstein DI. Evaluation of near-fatal reactions to allergen immunotherapy injections. 2006;117:169-75
Amoroso S (*see* Passalacqua et al). 2006;117:946-8 (Letters to the editor)
Ampleford EJ (*see* Dijkstra et al). 2006;117:604-11
Anderson D (*see* Ball et al). 2006;117:306-11
Anderson SD, Sue-Chu M, Perry CP, Gratziou C, Kippelen P, McKenzie DC, Beck KC, Fitch KD. Bronchial challenges in athletes applying to inhale a $\beta_2$-agonist at the 2004 Summer Olympics. 2006;117:767-73
Antas PRZ, Ding L, Hackman J, Reeves-Hammock L, Shintani AK, Schiffer J, Holland SM, Sterling TR. Decreased $CD4^+$ lymphocytes and innate immune responses in adults with previous extrapulmonary tuberculosis. 2006;117:916-23
Antonicelli L (*see* Passalacqua et al). 2006;117:946-8 (Letters to the editor)
Antunez C, Blanca-Lopez N, Torres MJ, Mayorga C, Perez-Inestrosa E, Montañez MI, Fernandez T, Blanca M. Immediate allergic reactions to cephalosporins: Evaluation of cross-reactivity with a panel of penicillins and cephalosporins. 2006;117:404-10
Aoi N, Masuda T, Murakami D, Yajima T, Mizubuchi H, Yamada H, Kawauchi H, Yoshikai Y. IL-15 prevents allergic rhinitis through reactivation of antigen-specific $CD8^+$ cells. 2006;117:1359-66
Apter AJ (*see* Schatz et al). 2006;117:995-1000
Apter AJ, Szefler SJ. Advances in adult and pediatric asthma. 2006;117:512-8
Apter AJ. The influence of health disparities on individual patient outcomes: What is the link between genes and environment? 2006;117:345-50 (Editorial)
Arbes SJ Jr (*see* Salo et al). 2006;117:473 (Correspondence)
Ariès M-F (*see* Mandron et al). 2006;117:1141-7
Armitage M (*see* Kendall et al). 2006;117:275-82
Asai K (*see* Nakajima-Adachi et al). 2006;117:1125-32
Asare A (*see* Casale et al). 2006;117:134-40
Asero R, Tedeschi A, Riboldi P, Cugno M. Plasma of patients with chronic urticaria shows signs of thrombin generation, and its intradermal injection causes wheal-and-flare reactions much more frequently than autologous serum. 2006;117:1113-7
Atherton D (*see* Taïeb et al). 2006;117:378-90
Atienza T (*see* Bateman et al). 2006;117:563-70
Audusseau S (*see* Létuvé et al). 2006;117:590-6
August A (*see* Ferrara et al). 2006;117:780-6

### B

Babu S (*see* Holgate et al). 2006;117:496-506
Bacharier LB (*see* Zeiger et al). 2006;117:45-52


*January, pp. 1-230; February, part 1, pp. 231-484; part 2, pp. S1-S428; part 3, pp. S429-S494; part 4, pp. S495-S524; March, pp. 485-722; April, part 1, pp. 723-966; part 2, pp. S525-S554; May, pp. 967-1200; June, pp. 1201-1584.

Bachelet I, Munitz A, Levi-Schaffer F. Abrogation of allergic reactions by a bispecific antibody fragment linking IgE to CD300a. 2006;117:1314-20
Bachmann MF (*see* Kündig et al). 2006;117:1470-6
Bader R (*see* Puxeddu et al). 2006;117:103-10
Bae SJ (*see* Fuhlbrigge et al). 2006;117:359-66
Bahn J-W (*see* Park et al). 2006;117:774-9
Bailey R (*see* Maier et al). 2006;117:1306-13
Baird LG (*see* Beck et al). 2006;117:477 (Correspondence)
Baldassarre S, Schandene L, Choufani G, Michils A. Asthma attacks induced by low doses of celecoxib, aspirin, and acetaminophen. 2006;117:215-7 (Letters to the editor)
Ball T (*see* Flicker et al). 2006;117:1336-43
Ball TM, Anderson D, Minto J, Halonen M. Cortisol circadian rhythms and stress responses in infants at risk of allergic disease. 2006;117:306-11
Ballas ZK (*see* Casale et al). 2006;117:134-40
Ballmer-Weber BK (*see* Weichel et al). 2006;117:676-81
Banerji D (*see* Pearlman et al). 2006;117:1195-6 (Letter reply)
Barczyk A, Pierzchała W, Kon OM, Cosio B, Adcock IM, Barnes PJ. Cytokine production by bronchoalveolar lavage T lymphocytes in chronic obstructive pulmonary disease. 2006;117:1484-92
Barnes KC (*see* Blumenthal et al). 2006;117:79-85
Barnes KC. Genetic epidemiology of health disparities in allergy and clinical immunology. 2006;117:243-54 (Review)
Barnes PJ (*see* Barczyk et al). 2006;117:1484-92
Barr RG (*see* Perzanowski et al). 2006;117:1082-9
Barros R, Moreira A, Fonseca J, Moreira P, Fernandes L, de Oliveira JF, Delgado L, Castel-Branco MG. Obesity and airway inflammation in asthma. 2006;117:1501-2 (Letters to the editor)
Barthel SR (*see* Johansson et al). 2006;117:1502-4 (Letters to the editor)
Barton SJ (*see* Burkart et al). 2006;117:86-91
Bateman ED, Jacques L, Goldfrad C, Atienza T, Mihaescu T, Duggan M. Asthma control can be maintained when fluticasone propionate/salmeterol in a single inhaler is stepped down. 2006;117:563-70
Bateman ED. Severity and control of severe asthma. 2006;117:519-21 (Editorial)
Bateman K (*see* Casale et al). 2006;117:134-40
Batzer G (*see* Ng et al). 2006;117:1074-81
Bauguil G (*see* Laforest et al). 2006;117:1404-10
Bavari S (*see* Fuller et al). 2006;117:1186-8
Beasley R. A historical prerspective of the New Zealand asthma mortality epidemics. 2006;117:225-8 (The allergy archives)
Beaty TH (*see* Blumenthal et al). 2006;117:79-85
Beck KC (*see* Anderson et al). 2006;117:767-73
Beck SR (*see* Blumenthal et al). 2006;117:79-85
Beck TR, Baird LG. Anaphylactic reaction and antibodies to DX-88 (kallikrein inhibitor) in a patient with hereditary angioedema. 2006;117:477 (Letter reply)
Becker S (*see* Alexis et al). 2006;117:1396-403
Beeler A, Engler O, Gerber BO, Pichler WJ. Long-lasting reactivity and high frequency of drug-specific T cells after severe systemic drug hypersensitivity reactions. 2006;117:455-62
Behrendt H (*see* Alessandrini et al). 2006;117:824-30
Behrendt H (*see* Verhagen et al). 2006;117:176-83
Bellodi S (*see* Silvestri et al). 2006;117:474-5 (Letter reply)
Ben-Jebria A (*see* Ferrara et al). 2006;117:780-6
Benfadal S (*see* Maintz et al). 2006;117:1106-12
Benn CS (*see* Linneberg et al). 2006;117:184-9
Bennett CM (*see* Lowe et al). 2006;117:682-7
Bennett WE (*see* Alexis et al). 2006;117:1396-403
Benvenga S (*see* Guarneri et al). 2006;117:957-8 (Correspondence)
Benz MR (*see* Ege et al). 2006;117:817-23
Berger M (*see* Saadane et al). 2006;117:1163-9
Berger WE (*see* Pearlman et al). 2006;117:1195-6 (Correspondence)
Bergeron C, Fukakusa M, Olivenstein R, Lemiere C, Shannon J, Ernst P, Martin JG, Hamid Q. Increased glucocorticoid receptor–β expression, but not decreased histone deacetylase 2, in severe asthma. 2006;117:703-5 (Letters to the editor)
Berglund LJ, Jones GJ, Murali R, Fulcher DA. TACI mutation with invasive polyclonal $CD8^+$ T-cell lymphoproliferation in a patient with common variable immunodeficiency. 2006;117:870-7
Bergström A (*see* Flöistrup et al). 2006;117:1507-8 (Correspondence)
Bergström A (*see* Flöistrup et al). 2006;117:59-66
Berkman N (*see* Puxeddu et al). 2006;117:103-10
Bernstein DI (*see* Amin et al). 2006;117:169-75
Bhattacharya A (*see* Gern et al). 2006;117:72-8
Bieber T (*see* Koch et al). 2006;117:163-8
Bieli C (*see* Ege et al). 2006;117:817-23
Bilsborough J, Leung DYM, Maurer M, Howell M, Boguniewcz M, Yao L, Storey H, LeCiel C, Harder B, Gross JA. IL-31 is associated with cutaneous lymphocyte antigen–positive skin homing T cells in patients with atopic dermatitis. 2006;117:418-25
Bindslev-Jensen C (*see* Scibilia et al). 2006;117:433-9
Bisgaard H (*see* Vahlkvist et al). 2006;117:1272-6
Bissonnette É (*see* Plante et al). 2006;117:1321-7
Björkstén B (*see* Böttcher et al). 2006;117:220 (Letter reply)
Blacklock G (*see* Tavernier et al). 2006;117:656-62
Blanca M (*see* Antunez et al). 2006;117:404-10
Blanca M (*see* Torres et al). 2006;117:220-1 (Correspondence)
Blanca-Lopez N (*see* Antunez et al). 2006;117:404-10
Blanco C (*see* Palacín et al). 2006;117:1423-9
Blaser K (*see* Karagiannidis et al). 2006;117:111-8
Blaser K (*see* Verhagen et al). 2006;117:176-83
Bleecker ER (*see* Blumenthal et al). 2006;117:79-85
Bleecker ER (*see* Dijkstra et al). 2006;117:604-11
Bloomberg GR (*see* Zeiger et al). 2006;117:45-52
Blumenthal MN, Langefeld CD, Barnes KC, Ober C, Meyers DA, King RA, Beaty TH, Beck SR, Bleecker ER, Rich SS. A genome-wide search for quantitative trait loci contributing to variation in seasonal pollen reactivity. 2006;117:79-85

Bochner BS (*see* Klion et al). 2006;117:1292-302 (Workshop summary)
Bock SA (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Bock SA (*see* Sicherer and Bock). 2006;117:1419-22 (Clinical pearls)
Bockisch B (*see* Grunwald et al). 2006;117:848-54
Boguniewcz M (*see* Bilsborough et al). 2006;117:418-25
Boguniewicz M (*see* Howell et al). 2006;117:836-41
Boguniewicz M, Leung DYM. 10. Atopic dermatitis. 2006;117:S475-80
Borade PS (*see* Lee et al). 2006;117:222 (Correspondence)
Bos JD (*see* Taïeb et al). 2006;117:378-90
Boshuizen H (*see* Wijga et al). 2006;117:440-7
Bossios A (*see* Psarras et al). 2006;117:291-7
Boswell-Smith V, Cazzola M, Page CP. Are phosphodiesterase 4 inhibitors just more theophylline? 2006;117:1237-43 (Current perspectives)
Böttcher MF, Lindström A, Jenmalm MC, Björkstén B, Vaarala O. Confounding effect of atopy on functional effects of the CD14/-159 promoter polymorphism. 2006;117:220 (Letter reply)
Boushey HA (*see* Stoloff and Boushey). 2006;117:544-8 (Rostrum)
Bousquet J (*see* Laforest et al). 2006;117:1404-10
Bousquet J (*see* Passalacqua et al). 2006;117:1054-62
Bousquet J, Neukirch F, Bousquet PJ, Gehano P, Klossek JM, Le Gal M, Allaf B. Severity and impairment of allergic rhinitis in patients consulting in primary care. 2006;117:158-62
Bousquet PJ (*see* Bousquet et al). 2006;117:158-62
Bousquet PJ (*see* Co Minh et al). 2006;117:466-8 (Letters to the editor)
Bousquet PJ (*see* Passalacqua et al). 2006;117:1054-62
Bousquet PJ, Demoly P. The contribution of major and minor determinants from benzylpenicillin to the diagnosis of immediate allergy to β-lactams. 2006;117:221 (Letter reply)
Boyce JA (*see* Gurish and Boyce). 2006;117:1285-91 (Rostrum)
Boyce JA (*see* Metcalfe and Boyce). 2006;117:1227-9 (Editorial)
Boyce JA. Successful treatment of cold-induced urticaria/anaphylaxis with anti-IgE. 2006;117:1415-8 (Case study)
Brachmann I (*see* Noga et al). 2006;117:1493-9
Bradding P, Walls AF, Holgate ST. The role of the mast cell in the pathophysiology of asthma. 2006;117:1277-84 (Current perspectives)
Branum A (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Braun-Fahrländer C (*see* Ege et al). 2006;117:817-23
Braun-Fahrländer C (*see* Flöistrup et al). 2006;117:1507-8 (Correspondence)
Braun-Fahrländer C (*see* Flöistrup et al). 2006;117:59-66
Bredehorst R (*see* Grunwald et al). 2006;117:848-54
Brehm RD (*see* Mandron et al). 2006;117:1141-7
Breisch NL (*see* Golden et al). 2006;117:670-5
Breiteneder H (*see* Radauer and Breiteneder). 2006;117:141-7
Brittingham KC (*see* Fuller et al). 2006;117:1186-8
Broide DH (*see* Cho et al). 2006;117:618-25
Broide DH (*see* Lee et al). 2006;117:597-603
Brombacher F (*see* Nieuwenhuizen et al). 2006;117:1098-105
Brooks GD (*see* Gern et al). 2006;117:72-8
Brown SGA (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Bruijnzeel-Koomen CA (*see* Flinterman et al). 2006;117:448-54
Bruinenberg M (*see* Reijmerink et al). 2006;117:219 (Correspondence)
Brunekreef B (*see* Douwes et al). 2006;117:1067-73
Brunekreef B (*see* Ege et al). 2006;117:817-23
Brunekreef B (*see* Wijga et al). 2006;117:440-7
Buckley RH. Primary immunodeficiency or not? Making the correct diagnosis. 2006;117:756-8 (Clinical pearls)
Bugiani M (*see* de Marco et al). 2006;117:1249-56
Burge HA (*see* Salo et al). 2006;117:473 (Correspondence)
Burkart KM, Barton SJ, Holloway JW, Yang IA, Cakebread JA, Cruikshank W, Little F, Jin X, Farrer LA, Clough JB, Keith TP, Holgate S, Center DM, O'Connor GT. Association of asthma with a functional promoter polymorphism in the *IL16* gene. 2006;117:86-91
Bush A (*see* Saglani et al). 2006;117:955 (Correspondence)
Bush RK, Peden DB. Advances in environmental and occupational disorders. 2006;117:1367-73
Bush RK, Portnoy JM, Saxon A, Terr AI, Wood RA. The medical effects of mold exposure. 2006;117:326-33
Busse WW (*see* Casale et al). 2006;117:134-40
Busse WW (*see* Johansson et al). 2006;117:1502-4 (Letters to the editor)

## C

Caballero T, López-Serrano C. Anaphylactic reaction and antibodies to DX-88 (kallikrein inhibitor) in a patient with hereditary angioedema. 2006;117:476-7 (Correspondence)
Cabreros MIR (*see* Pimiento et al). 2006;117:707-8 (Letters to the editor)
Cadario G (*see* Passalacqua et al). 2006;117:946-8 (Letters to the editor)
Caetano Faria AM (*see* Keller et al). 2006;117:283-90
Cakebread JA (*see* Burkart et al). 2006;117:86-91
Camargo CA Jr (*see* Rowe and Camargo). 2006;117:53-8
Camargo CA Jr (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Campbell RL (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Campos H (*see* Gold et al). 2006;117:931-8
Cardona ID, Goleva E, Ou L-S, Leung DYM. Staphylococcal enterotoxin B inhibits regulatory T cells by inducing glucocorticoid-induced TNF receptor-related protein ligand on monocytes. 2006;117:688-95
Carlier V (*see* de Halleux et al). 2006;117:571-6
Carlin JB (*see* Lowe et al). 2006;117:682-7
Carlsen K-H (*see* Passalacqua et al). 2006;117:1054-62
Carolei A (*see* de Marco et al). 2006;117:1249-56
Carr D (*see* Kabesch et al). 2006;117:269-74

Carrillo T (*see* Palacín et al). 2006;117:1423-9
Carrión-Carire V (*see* Gupta et al). 2006;117:351-8
Carroll M (*see* Yalcindag et al). 2006;117:1455-61
Casale TB, Busse WW, Kline JN, Ballas ZK, Moss MH, Townley RG, Mokhtarani M, Seyfert-Margolis V, Asare A, Bateman K, Deniz Y. Omalizumab pretreatment decreases acute reactions after rush immunotherapy for ragweed-induced seasonal allergic rhinitis. 2006;117: 134-40
Casanova J-L (*see* Notarangelo et al). 2006;117:883-96 (Workshop summary)
Castel-Branco MG (*see* Barros et al). 2006;117:1501-2 (Letters to the editor)
Castells MC. Extracutaneous mastocytoma. 2006;117: 1513-5 (Images in Allergy and Clinical Immunology)
Castigli E, Geha RS. Molecular basis of common variable immunodeficiency. 2006;117:740-6 (Review)
Caughey GH. Tryptase genetics and anaphylaxis. 2006;117: 1411-4
Cazzola M (*see* Boswell-Smith et al). 2006;117:1237-43 (Current perspectives)
Cazzoletti L (*see* de Marco et al). 2006;117:1249-56
Celedón JC (*see* Raby et al). 2006;117:298-305
Center DM (*see* Burkart et al). 2006;117:86-91
Chakir J (*see* Plante et al). 2006;117:1321-7
Chamba G (*see* Laforest et al). 2006;117:1404-10
Chan IHS, Leung TF, Tang NLS, Li CY, Sung YM, Wong GWK, Wong CK, Lam CWK. Gene-gene interactions for asthma and plasma total IgE concentration in Chinese children. 2006;117:127-33
Chan-Yeung MMW (*see* Mak et al). 2006;117:92-6
Chang A (*see* Gern et al). 2006;117:72-8
Chang TW, Shiung Y-Y. Anti-IgE as a mast cell–stabilizing therapeutic agent. 2006;117:1203-12 (Review)
Chapel H (*see* Notarangelo et al). 2006;117:883-96 (Workshop summary)
Chapman MD (*see* Hindley et al). 2006;117:1389-95
Charpin DA. Cost-effectiveness of home-based interventions should also take into account nonrespiratory indoor health hazards. 2006;117:953 (Correspondence)
Charveron M (*see* Mandron et al). 2006;117:1141-7
Checkel JL (*see* Plager et al). 2006;117:626-34
Chen C (*see* Feng et al). 2006;117:612-7
Chen C (*see* Kumar et al). 2006;117:1257-63
Chen E, Hanson MD, Paterson LQ, Griffin MJ, Walker HA, Miller GE. Socioeconomic status and inflammatory processes in childhood asthma: The role of psychological stress. 2006;117:1014-20
Chew GL (*see* Perzanowski et al). 2006;117:1082-9
Chibana K (*see* Trudeau et al). 2006;117:1446-54
Chinchilli VM (*see* Zeiger et al). 2006;117:45-52
Chiu GY (*see* Li et al). 2006;117:119-26
Cho JY (*see* Lee et al). 2006;117:597-603
Cho JY, Miller M, McElwain K, McElwain S, Shim JY, Raz E, Broide DH. Remodeling associated expression of matrix metalloproteinase 9 but not tissue inhibitor of metalloproteinase 1 in airway epithelium: Modulation by immunostimulatory DNA. 2006;117:618-25
Cho S-H (*see* Park et al). 2006;117:774-9
Choi G (*see* Levi et al). 2006;117:904-8
Choi JH (*see* Jeong et al). 2006;117:1505-6 (Letters to the editor)
Choufani G (*see* Baldassarre et al). 2006;117:215-7 (Letters to the editor)
Chowdhury BA. Ciclesonide inhalation aerosol for persistent asthma. 2006;117:1194-5 (Correspondence)
Chretin S (*see* Laforest et al). 2006;117:1404-10
Chu HW (*see* Trudeau et al). 2006;117:1446-54
Chung KF (*see* Ito et al). 2006;117:522-43 (Current perspectives)
Clayton CB (*see* Venter et al). 2006;117:1118-24
Clough JB (*see* Burkart et al). 2006;117:86-91
Co Minh H-B, Bousquet PJ, Fontaine C, Kvedariene V, Demoly P. Systemic reactions during skin tests with β-lactams: A risk factor analysis. 2006;117:466-8 (Letters to the editor)
Cockcroft DW, Davis BE. Deep inhalation bronchoprotection in asthma: Correlation with airway responsiveness. 2006;117:951-2 (Letters to the editor)
Cockcroft DW, Davis BE. The bronchoprotective effect of inhaling methacholine by using total lung capacity inspirations has a marked influence on the interpretation of the test result. 2006;117:1244-8 (Rostrum)
Coffey MJ, Ross LF. Ethics of placebos in clinical asthma trials. 2006;117:470 (Correspondence)
Cohen A (*see* Roifman et al). 2006;117:897-903
Cohn RD (*see* Salo et al). 2006;117:473 (Correspondence)
Colás C, Monzón S, Venturini M, Lezaun A. Double-blind, placebo-controlled study with a modified therapeutic vaccine of *Salsola kali* (Russian thistle) administered through use of a cluster schedule. 2006;117:810-6
Collins AM (*see* Dahlke et al). 2006;117:1477-83
Colvin R (*see* Covar et al). 2006;117:709-11 (Letters to the editor)
Conley ME (*see* Notarangelo et al). 2006;117:883-96 (Workshop summary)
Constantopoulos AG (*see* Psarras et al). 2006;117: 291-7
Contopoulos-Ioannidis DG, Ioannidis JPA. $\beta_2$-Adrenergic receptor polymorphism in asthma: Prospective versus retrospective perspective. 2006;117:222-3 (Letter reply)
Cook EF (*see* Schatz and Cook). 2006;117:221-2 (Letter reply)
Cook EF (*see* Schatz et al). 2006;117:995-1000
Cooley MA (*see* Su et al). 2006;117:635-41
Cooper K (*see* Taïeb et al). 2006;117:378-90
Corazzi L (*see* Russano et al). 2006;117:1178-84
Corrigan CJ (*see* Frew et al). 2006;117:319-25
Corrigan CJ (*see* Ying et al). 2006;117:312-8
Corsico A (*see* de Marco et al). 2006;117:1249-56
Cosio B (*see* Barczyk et al). 2006;117:1484-92
Costigan G (*see* Kendall et al). 2006;117:275-82
Covar RA, Colvin R, Shapiro G, Strunk R. Safety of methacholine challenges in a multicenter pediatric asthma study. 2006;117:709-11 (Letters to the editor)
Cox LS, Linnemann DL, Nolte H, Weldon D, Finegold I, Nelson HS. Sublingual immunotherapy: A comprehensive review. 2006;117:1021-35

Craff M (*see* Dinakar et al). 2006;117:212-3 (Letters to the editor)
Craig TJ (*see* Golden et al). 2006;117:670-5
Crain E (*see* Kattan et al). 2006;117:953 (Letter reply)
Crameri R (*see* Weichel et al). 2006;117:676-81
Crowe JE Jr (*see* Williams et al). 2006;117:223-4 (Letter reply)
Cruikshank W (*see* Burkart et al). 2006;117:86-91
Cruz AA, Naclerio RM, Proud D, Togias A. Epithelial shedding is associated with nasal reactions to cold, dry air. 2006;117:1351-8
Cubero AG (*see* Pimiento et al). 2006;117:707-8 (Letters to the editor)
Cugno M (*see* Asero et al). 2006;117:1113-7
Cullinan P (*see* Jones et al). 2006;117:663-9
Cumplido J (*see* Palacín et al). 2006;117:1423-9
Curbishley L (*see* Gore et al). 2006;117:649-55
Currie GP (*see* Lee et al). 2006;117:222 (Correspondence)
Custovic A (*see* Gore et al). 2006;117:649-55
Cydulka R (*see* Sampson et al). 2006;117:391-7 (Workshop summary)

## D

Dahlke I, Nott DJ, Ruhno J, Sewell WA, Collins AM. Antigen selection in the IgE response of allergic and nonallergic individuals. 2006;117:1477-83
Dai J (*see* Johnston et al). 2006;117:557-62
Dakhama A (*see* Gelfand and Dakhama). 2006;117:577-82 (Rostrum)
Darsow U (*see* Taïeb et al). 2006;117:378-90
DaSilva D (*see* Gern et al). 2006;117:72-8
Dautel H (*see* Kleine-Tebbe et al). 2006;117:190-5
David TJ (*see* Taïeb et al). 2006;117:378-90
Davies DE (*see* Holgate et al). 2006;117:496-506
Davis BE (*see* Cockcroft and Davis). 2006;117:1244-8 (Rostrum)
Davis BE (*see* Cockcroft and Davis). 2006;117:951-2 (Letters to the editor)
Davrinche C (*see* Mandron et al). 2006;117:1141-7
de Benedictis FM (*see* Russano et al). 2006;117:1178-84
de Blic J (*see* Pham-Thi et al). 2006;117:217-8 (Letters to the editor)
de Blic J, Tillie-Leblond I, Scheinmann P. The difference between groups and individuals. 2006;117:955 (Letter reply)
de Halleux S, Stura E, VanderElst L, Carlier V, Jacquemin M, Saint-Remy J-M. Three-dimensional structure and IgE-binding properties of mature fully active Der p 1, a clinically relevant major allergen. 2006;117:571-6
de Jong BM (*see* van der Zalm et al). 2006;117:955-6 (Correspondence)
de Jongste J (*see* Douwes et al). 2006;117:1067-73
de Jongste JC (*see* Wijga et al). 2006;117:440-7
De Libero G (*see* Russano et al). 2006;117:1178-84
de Marco R, Marcon A, Jarvis D, Accordini S, Almar E, Bugiani M, Carolei A, Cazzoletti L, Corsico A, Gislason D, Gulsvik A, Jõgi R, Marinoni A, Martínez-Moratalla J, Pin I, Janson C. Prognostic factors of asthma severity: A 9-year international prospective cohort study. 2006;117:1249-56
de Oliveira JF (*see* Barros et al). 2006;117:1501-2 (Letters to the editor)
de Prost Y (*see* Taïeb et al). 2006;117:378-90
De Vooght V (*see* Vanoirbeek et al). 2006;117:1090-7
Dean T (*see* Venter et al). 2006;117:1118-24
Dechant N (*see* Seidel-Guyenot et al). 2006;117:1170-7
Decker WW (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
del Carmen Lara-Sanchez I (*see* Li et al). 2006;117:119-26
del Pozo V (*see* Fernández-Nieto et al). 2006;117:948-50 (Letters to the editor)
del Rio-Navarro BE (*see* Li et al). 2006;117:119-26
Delgado L (*see* Barros et al). 2006;117:1501-2 (Letters to the editor)
Demoly P (*see* Bousquet and Demoly). 2006;117:221 (Letter reply)
Demoly P (*see* Co Minh et al). 2006;117:466-8 (Letters to the editor)
Deniz Y (*see* Casale et al). 2006;117:134-40
Devereux G, Seaton A. Nutritional supplements and pediatric upper respiratory tract illnesses. 2006;117:954 (Letter reply)
Devlin RB (*see* Alexis et al). 2006;117:1396-403
Devouassoux G (*see* Laforest et al). 2006;117:1404-10
Dharmage SC (*see* Lowe et al). 2006;117:682-7
Di Gioacchino M (*see* Passalacqua et al). 2006;117:946-8 (Letters to the editor)
Dieu-Nosjean M-C (*see* Sonkoly et al). 2006;117:411-7
Dijkstra A, Howard TD, Vonk JM, Ampleford EJ, Lange LA, Bleecker ER, Meyers DA, Postma DS. Estrogen receptor 1 polymorphisms are associated with airway hyperresponsiveness and lung function decline, particularly in female subjects with asthma. 2006;117:604-11
Dinakar C, Craff M, Laskowski D. Infants and toddlers without asthma with eczema have elevated exhaled nitric oxide levels. 2006;117:212-3 (Letters to the editor)
Ding L (*see* Antas et al). 2006;117:916-23
Dinh QT (*see* Feleszko et al). 2006;117:97-102
Divjan A (*see* Perzanowski et al). 2006;117:1082-9
Doekes G (*see* Douwes et al). 2006;117:1067-73
Donald Leung , Schatz M. Consultation and referral guidelines citing the evidence: How the allergist-immunologist can help. 2006;117:S495-523
Douwes J, van Strien R, Doekes G, Smit J, Kerkhof M, Gerritsen J, Postma D, de Jongste J, Travier N, Brunekreef B. Does early indoor microbial exposure reduce the risk of asthma? The Prevention and Incidence of Asthma and Mite Allergy birth cohort study. 2006;117:1067-73
Dreborg S. Reply. *Alternaria alternata* antigens in US homes. 2006;117:474 (Letter reply)
Dreskin SC (*see* Yasnowsky et al). 2006;117:1430-4
Dreskin SC. Henry Claman in profile. 2006;117:959-60
Duggan M (*see* Bateman et al). 2006;117:563-70
DuHadway T (*see* Leung et al). 2006;117:753-5 (Editorial)
Duong M (*see* Subbarao et al). 2006;117:1008-13
Durandy A (*see* Notarangelo et al). 2006;117:855-64 (Current perspectives)

Durham SR (*see* Frew et al). 2006;117:319-25
Durham SR (*see* Jones et al). 2006;117:663-9
Durham SR, Yang WH, Pedersen MR, Johansen N, Rak S. Sublingual immunotherapy with once-daily grass allergen tablets: A randomized controlled trial in seasonal allergic rhinoconjunctivitis. 2006;117:802-9
Dy M (*see* Pham-Thi et al). 2006;117:217-8 (Letters to the editor)
Dyer Z (*see* Lin et al). 2006;117:878-82

**E**

Earis J (*see* Smith et al). 2006;117:831-5
Ebihara A (*see* Nakajima-Adachi et al). 2006;117:1125-32
Economides A (*see* Scarupa and Economides). 2006;117:1508-9 (Letters to the editor)
Edward K (*see* Pearlman et al). 2006;117:1195-6 (Letter reply)
Efaw B (*see* Yasnowsky et al). 2006;117:1430-4
Ege MJ, Bieli C, Frei R, Theodoor van Strien R, Riedler J, Üblagger E, Schram-Bijkerk D, Brunekreef B, van Hage M, Scheynius A, Pershagen G, Benz MR, Lauener R, von Mutius E, Braun-Fahrländer C. Prenatal farm exposure is related to the expression of receptors of the innate immunity and to atopic sensitization in school-age children. 2006;117:817-23
Elias JA (*see* Park et al). 2006;117:774-9
Üblagger E (*see* Ege et al). 2006;117:817-23
Engler O (*see* Beeler et al). 2006;117:455-62
Epstein M (*see* Karagiannidis et al). 2006;117:111-8
Ernst P (*see* Bergeron et al). 2006;117:703-5 (Letters to the editor)
Evans MD (*see* Gern et al). 2006;117:72-8
Evans MD (*see* Johansson et al). 2006;117:1502-4 (Letters to the editor)

**F**

Fahy JV. Anti-IgE: Lessons learned from effects on airway inflammation and asthma exacerbation. 2006;117:1230-2
Fang Z (*see* Feng et al). 2006;117:612-7
Faquim-Mauro E (*see* Keller et al). 2006;117:283-90
Farrer LA (*see* Burkart et al). 2006;117:86-91
Feleszko W, Zawadzka-Krajewska A, Matysiak K, Lewandowska D, Peradzyńska J, Dinh QT, Hamelmann E, Groneberg DA, Kulus M. Parental tobacco smoking is associated with augmented IL-13 secretion in children with allergic asthma. 2006;117:97-102
Feng Y, Hong X, Wang L, Jiang S, Chen C, Wang B, Yang J, Fang Z, Zang T, Xu X, Xu X. G protein–coupled receptor 154 gene polymorphism is associated with airway hyperresponsiveness to methacholine in a Chinese population. 2006;117:612-7
Fenton T (*see* Saitoh et al). 2006;117:909-15
Fernandes L (*see* Barros et al). 2006;117:1501-2 (Letters to the editor)
Fernandez T (*see* Antunez et al). 2006;117:404-10
Fernández-Nieto M, Quirce S, Fraj J, del Pozo V, Seoane C, Sastre B, Lahoz C, Sastre J. Airway inflammation in occupational asthma caused by styrene. 2006;117:948-50 (Letters to the editor)
Ferrara TJ, Mueller C, Sahu N, Ben-Jebria A, August A. Reduced airway hyperresponsiveness and tracheal responses during allergic asthma in mice lacking tyrosine kinase inducible T-cell kinase. 2006;117:780-6
Ferreira A (*see* Pérez de Diego et al). 2006;117:1462-9
Figueroa J (*see* Palacín et al). 2006;117:1423-9
Fimmers R (*see* Maintz et al). 2006;117:1106-12
Finegold I (*see* Cox et al). 2006;117:1021-35
Finn PW (*see* Gold et al). 2006;117:931-8
Fischer A (*see* Notarangelo et al). 2006;117:883-96 (Workshop summary)
Fischer A (*see* Shearer and Fischer). 2006;117:748-52 (Editorial)
Fiset P-O (*see* Létuvé et al). 2006;117:590-6
Fitch KD (*see* Anderson et al). 2006;117:767-73
Flaig M (*see* Howell et al). 2006;117:836-41
Fletcher A (*see* Tavernier et al). 2006;117:656-62
Fletcher CV (*see* Saitoh et al). 2006;117:909-15
Fletcher G (*see* Tavernier et al). 2006;117:656-62
Flicker S, Steinberger P, Ball T, Krauth M-T, Verdino P, Valent P, Almo S, Valenta R. Spatial clustering of the IgE epitopes on the major timothy grass pollen allergen Phl p 1: Importance for allergenic activity. 2006;117:1336-43
Flinterman AE, Pasmans SG, Hoekstra MO, Meijer Y, van Hoffen E, Knol EF, Hefle SL, Bruijnzeel-Koomen CA, Knulst AC. Determination of no-observed-adverse-effect levels and eliciting doses in a representative group of peanut-sensitized children. 2006;117:448-54
Flöistrup H, Swartz J, Bergström A, Alm JS, Scheynius A, van Hage M, Waser M, Braun-Fahrländer C, Schram-Bijkerk D, Huber M, Zutavern A, von Mutius E, Üblagger E, Riedler J, Michaels KB, Pershagen G. Allergic disease and sensitization in Steiner school children. 2006;117:59-66
Flöistrup H, Swartz J, Bergström A, Alm JS, Scheynius A, van Hage M, Waser M, Braun-Fahrländer C, Schram-Bijkerk D, Huber M, Zutavern A, von Mutius E, Üblagger E, Riedler J, Michels KB, Pershagen G. Anthroposophic parents, frequency of medical visits, and choice of physicians. 2006;117:1510-1 (Letter reply)
Floyd A (*see* Jones et al). 2006;117:663-9
Foley S, Hamid Q. Severe asthma. 2006;117:714-7 (Images in allergy and Immunology)
Fonseca J (*see* Barros et al). 2006;117:1501-2 (Letters to the editor)
Fontaine C (*see* Co Minh et al). 2006;117:466-8 (Letters to the editor)
Fontan G (*see* Pérez de Diego et al). 2006;117:1462-9
Fraj J (*see* Fernández-Nieto et al). 2006;117:948-50 (Letters to the editor)
Francis H (*see* Tavernier et al). 2006;117:656-62
Frank P (*see* Tavernier et al). 2006;117:656-62
Frank T (*see* Tavernier et al). 2006;117:656-62
Frei R (*see* Ege et al). 2006;117:817-23
Freitag MH. Anthroposophic parents, frequency of medical visits, and choice of physicians. 2006;117:1510 (Correspondence)
Frew AJ, Powell RJ, Corrigan CJ, Durham SR. Efficacy and safety of specific immunotherapy with SQ allergen extract

in treatment-resistant seasonal allergic rhinoconjunctivitis. 2006;117:319-25
Friedman NJ, Zeiger RS. Infant formulas for primary allergy prevention. 2006;117:472-3 (Letter reply)
Fritzsch C (*see* Kabesch et al). 2006;117:269-74
Fu L (*see* Kumar et al). 2006;117:1257-63
Fuhlbrigge AL (*see* Tantisira et al). 2006;117:1264-71
Fuhlbrigge AL, Bae SJ, Weiss ST, Kuntz KM, Paltiel AD. Cost-effectiveness of inhaled steroids in asthma: Impact of effect on bone mineral density. 2006;117:359-66
Fukakusa M (*see* Bergeron et al). 2006;117:703-5 (Letters to the editor)
Fukui Y (*see* Kawaguchi et al). 2006;117:795-801
Fulcher DA (*see* Berglund et al). 2006;117:870-7
Fuller CL, Brittingham KC, Hepburn MJ, Martin JW, Petitt PL, Pittman PR, Bavari S. Dominance of human innate immune responses in primary *Francisella tularensis* live vaccine strain vaccination. 2006;117:1186-8
Fulurija A (*see* Kündig et al). 2006;117:1470-6
Furue M (*see* Taïeb et al). 2006;117:378-90

## G

Gaeta F (*see* Viola et al). 2006;117:1189-91
Galli SJ (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Gallo RL (*see* Howell et al). 2006;117:836-41
Gangnon R (*see* Gern et al). 2006;117:72-8
Gangnon RE (*see* Lemanske et al). 2006;117:956-7 (Letter reply)
García-Rodríguez MC (*see* Pérez de Diego et al). 2006;117:1462-9
Garfinkel RS (*see* Perzanowski et al). 2006;117:1082-9
Gee I (*see* Tavernier et al). 2006;117:656-62
Geha RS (*see* Castigli and Geha). 2006;117:740-6 (Review)
Geha RS (*see* Notarangelo et al). 2006;117:883-96 (Workshop summary)
Geha RS (*see* Yalcindag et al). 2006;117:1455-61
Gehano P (*see* Bousquet et al). 2006;117:158-62
Gelfand EW, Dakhama A. $CD8^+$ T lymphocytes and leukotriene $B_4$: Novel interactions in the persistence and progression of asthma. 2006;117:577-82 (Rostrum)
Gelmetti C (*see* Taïeb et al). 2006;117:378-90
Gerber BO (*see* Beeler et al). 2006;117:455-62
Gern JE (*see* Lemanske et al). 2006;117:956-7 (Letter reply)
Gern JE, Brooks GD, Meyer P, Chang A, Shen K, Evans MD, Tisler C, DaSilva D, Roberg KA, Mikus LD, Rosenthal LA, Kirk CJ, Shult PA, Bhattacharya A, Li Z, Gangnon R, Lemanske RF Jr. Bidirectional interactions between viral respiratory illnesses and cytokine responses in the first year of life. 2006;117:72-8
Gerritsen J (*see* Douwes et al). 2006;117:1067-73
Gerritsen J (*see* Wijga et al). 2006;117:440-7
Gibbons F (*see* Gold et al). 2006;117:931-8
Gidudu J (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Gilfillan AM (*see* Rivera and Gilfillan). 2006;117:1214-25 (Review)
Gilliland FD (*see* Salam et al). 2006;117:1001-7
Gillman MW (*see* Gold et al). 2006;117:931-8
Gislason D (*see* de Marco et al). 2006;117:1249-56
Gjessing HK (*see* Li et al). 2006;117:119-26
Glaser AG (*see* Weichel et al). 2006;117:676-81
Gleich GJ (*see* Klion et al). 2006;117:1292-302 (Workshop summary)
Gleich GJ (*see* Plager et al). 2006;117:626-34
Gold DR, Willwerth BM, Tantisira KG, Finn PW, Schaub B, Perkins DL, Tzianabos A, Ly NP, Schroeter C, Gibbons F, Campos H, Oken E, Gillman MW, Palmer LJ, Ryan LM, Weiss ST. Associations of cord blood fatty acids with lymphocyte proliferation, IL-13, and IFN-γ. 2006;117:931-8
Gold DR. Allergy: The price paid for longevity and social wealth? 2006;117:148-50 (Editorial)
Golden DBK, Breisch NL, Hamilton RG, Guralnick MW, Greene A, Craig TJ, Kagey-Sobotka A. Clinical and entomological factors influence the outcome of sting challenge studies. 2006;117:670-5
Goldfrad C (*see* Bateman et al). 2006;117:563-70
Goldsmith CH (*see* Kelly et al). 2006;117:989-94
Goldstein IF (*see* Perzanowski et al). 2006;117:1082-9
Goleva E (*see* Cardona et al). 2006;117:688-95
Gomes E (*see* Keller et al). 2006;117:283-90
Gore RB, Curbishley L, Truman N, Hadley E, Woodcock A, Langley SJ, Custovic A. Intranasal air sampling in homes: Relationships among reservoir allergen concentrations and asthma severity. 2006;117:649-55
Gourgiotis D (*see* Psarras et al). 2006;117:291-7
Graif Y, Romano-Zelekha O, Livne I, Green MS, Shohat T. Allergic reactions to insect stings: Results from a national survey of 10,000 junior high school children in Israel. 2006;117:1435-9
Gräser I (*see* Kleine-Tebbe et al). 2006;117:190-5
Gratziou C (*see* Anderson et al). 2006;117:767-73
Green MS (*see* Graif et al). 2006;117:1435-9
Greene A (*see* Golden et al). 2006;117:670-5
Griese M (*see* Hartl et al). 2006;117:204-11
Griffin MJ (*see* Chen et al). 2006;117:1014-20
Grimfeld A (*see* Nikasinovic et al). 2006;117:1382-8
Groneberg DA (*see* Feleszko et al). 2006;117:97-102
Gross GN. CPT coding for the allergist. 2006;117:257-8 (Clinical pearls)
Gross JA (*see* Bilsborough et al). 2006;117:418-25
Gruchalla RS (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Grundy J (*see* Venter et al). 2006;117:1118-24
Grunwald T, Bockisch B, Spillner E, Ring J, Bredehorst R, Ollert MW. Molecular cloning and expression in insect cells of honeybee venom allergen acid phosphatase (Api m 3). 2006;117:848-54
Gu Y (*see* Roifman et al). 2006;117:897-903
Guarneri C (*see* Guarneri et al). 2006;117:957-8 (Correspondence)
Guarneri F, Guarneri C, Benvenga S. Environment-induced reactivity against autoallergens: Possible role of latex. 2006;117:957-8 (Correspondence)
Guilbert TW (*see* Zeiger et al). 2006;117:45-52
Gulsvik A (*see* de Marco et al). 2006;117:1249-56

Gupta RS, Carrión-Carire V, Weiss KB. The widening black/white gap in asthma hospitalizations and mortality. 2006;117:351-8
Guralnick MW (*see* Golden et al). 2006;117:670-5
Gurish MF, Boyce JA. Mast cells: Ontogeny, homing and recruitment of a unique innate effector cell. 2006;117: 1285-91 (Rostrum)

**H**

Haahtela T (*see* von Hertzen et al). 2006;117:151-7
Haahtela T (*see* von Hertzen and Haahtela). 2006;117:334-44 (Current perspectives)
Hachimura S (*see* Nakajima-Adachi et al). 2006;117:1125-32
Hack CE (*see* Levi et al). 2006;117:904-8
Hackman J (*see* Antas et al). 2006;117:916-23
Hadley E (*see* Gore et al). 2006;117:649-55
Hagemann T (*see* Maintz et al). 2006;117:1106-12
Hahn C, Islamian AP, Renz H, Nockher WA. Airway epithelial cells produce neurotrophins and promote the survival of eosinophils during allergic airway inflammation. 2006;117:787-94
Hahn DL. *Chlamydia pneumoniae* and airway remodeling. 2006;117:1193 (Correspondence)
Haitchi HM (*see* Holgate et al). 2006;117:496-506
Halonen M (*see* Ball et al). 2006;117:306-11
Hamelmann E (*see* Feleszko et al). 2006;117:97-102
Hamid Q (*see* Bergeron et al). 2006;117:703-5 (Letters to the editor)
Hamid Q (*see* Foley and Hamid). 2006;117:714-7
Hamid Q (*see* Kraft et al). 2006;117:1197-8 (Images in Allergy and Immunology)
Hamid Q (*see* Létuvé et al). 2006;117:590-6
Hamid Q (*see* Plante et al). 2006;117:1321-7
Hamilton RG (*see* Golden et al). 2006;117:670-5
Hamilton RG. Accuracy of US Food and Drug Administration–cleared IgE antibody assays in the presence of anti-IgE (omalizumab). 2006;117:759-66
Hanf G (*see* Noga et al). 2006;117:1493-9
Hanifin J (*see* Taïeb et al). 2006;117:378-90
Hansen GN (*see* Kleine-Tebbe et al). 2006;117:190-5
Hanson MD (*see* Chen et al). 2006;117:1014-20
Harbeck RJ (*see* Yasnowsky et al). 2006;117:1430-4
Harder B (*see* Bilsborough et al). 2006;117:418-25
Hargreave FE (*see* Kelly et al). 2006;117:989-94
Hargreave FE, Parameswaran K. Problems with using exhaled nitric oxide to guide asthma treatment. 2006;117: 1511 (Correspondence)
Harlor AD Jr (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Hartl D, Griese M, Kappler M, Zissel G, Reinhardt D, Rebhan C, Schendel DJ, Krauss-Etschmann S. Pulmonary $T_H2$ response in *Pseudomonas aeruginosa*–infected patients with cystic fibrosis. 2006;117:204-11
Haustein U-F (*see* Kleine-Tebbe et al). 2006;117:190-5
Hays T. Infant formulas for primary allergy prevention. 2006;117:471-2 (Correspondence)
He R (*see* Yalcindag et al). 2006;117:1455-61
Hefle SL (*see* Flinterman et al). 2006;117:448-54
Heinatz A (*see* Kleine-Tebbe et al). 2006;117:190-5
Heine RG (*see* Ho et al). 2006;117:1506-8 (Letters to the editor)
Heldt G (*see* Zeiger et al). 2006;117:45-52
Hennecke F (*see* Kündig et al). 2006;117:1470-6
Hense G (*see* Karagiannidis et al). 2006;117:111-8
Hepburn MJ (*see* Fuller et al). 2006;117:1186-8
Hepner DL (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Herbert DBR (*see* Nieuwenhuizen et al). 2006;117:1098-105
Herpers BL (*see* Wiertsema et al). 2006;117:1344-50
Heymann PW (*see* Williams et al). 2006;117:223-4 (Letter reply)
Hiemstra PS (*see* Zuyderduyn et al). 2006;117:1328-35
Higgins B (*see* Venter et al). 2006;117:1118-24
Hijnen DJ (*see* Verhagen et al). 2006;117:176-83
Hill DJ (*see* Ho et al). 2006;117:1506-8 (Letters to the editor)
Hill DJ (*see* Lowe et al). 2006;117:682-7
Hindley J, Wünschmann S, Satinover SM, Woodfolk JA, Tim Chew F, Chapman MD, Pomés A. Bla g 6: A troponin C allergen from *Blattella germanica* with IgE binding calcium dependence. 2006;117:1389-95
Hirano K (*see* Nakajima-Adachi et al). 2006;117:1125-32
Hizawa N (*see* Kawaguchi et al). 2006;117:795-801
Ho ASS (*see* Mak et al). 2006;117:92-6
Ho MHK, Heine RG, Wong W, Hill DJ. Diagnostic accuracy of skin prick testing in children with tree nut allergy. 2006;117:1506-8 (Letters to the editor)
Ho SP (*see* Mak et al). 2006;117:92-6
Hoarau C, Lagaraine C, Martin L, Velge-Roussel F, Lebranchu Y. Supernatant of *Bifidobacterium breve* induces dendritic cell maturation, activation, and survival through a Toll-like receptor 2 pathway. 2006;117: 696-702
Hoekstra MO (*see* Flinterman et al). 2006;117:448-54
Hoet PHM (*see* Vanoirbeek et al). 2006;117:1090-7
Hoffmann TK (*see* Sonkoly et al). 2006;117:411-7
Holgate S (*see* Burkart et al). 2006;117:86-91
Holgate ST (*see* Bradding et al). 2006;117:1277-84 (Current perspectives)
Holgate ST, Holloway J, Wilson S, Howarth PH, Haitchi HM, Babu S, Davies DE. Understanding the pathophysiology of severe asthma to generate new therapeutic opportunities. 2006;117:496-506 (Review)
Holland SM (*see* Antas et al). 2006;117:916-23
Holloway J (*see* Holgate et al). 2006;117:496-506
Holloway JW (*see* Burkart et al). 2006;117:86-91
Holt PG (*see* Kendall et al). 2006;117:275-82
Homey B (*see* Sonkoly et al). 2006;117:411-7
Hong S-J (*see* Kim et al). 2006;117:1191-2
Hong X (*see* Feng et al). 2006;117:612-7
Hopper NT (*see* Leung et al). 2006;117:753-5 (Editorial)
Horner AA (*see* Ng et al). 2006;117:1074-81
Horner AA. Toll-like receptor ligands and atopy: A coin with at least 2 sides. 2006;117:1133-40 (Current perspectives)
Hosking CS (*see* Lowe et al). 2006;117:682-7
Howard TD (*see* Dijkstra et al). 2006;117:604-11
Howarth PH (*see* Holgate et al). 2006;117:496-506

Howell M (*see* Bilsborough et al). 2006;117:418-25
Howell MD, Wollenberg A, Gallo RL, Flaig M, Streib JE, Wong C, Pavicic T, Boguniewicz M, Leung DYM. Cathelicidin deficiency predisposes to eczema herpeticum. 2006;117:836-41
Howson JMM (*see* Maier et al). 2006;117:1306-13
Hsia K (*see* Saitoh et al). 2006;117:909-15
Hu H (*see* Trudeau et al). 2006;117:1446-54
Huang S-K (*see* Kawaguchi et al). 2006;117:795-801
Huber M (*see* Flöistrup et al). 2006;117:1507-8 (Correspondence)
Huber M (*see* Flöistrup et al). 2006;117:59-66
Hurley C (*see* Roberts et al). 2006;117:263-8
Hylkema MN (*see* Reijmerink et al). 2006;117:219 (Correspondence)

I

Ieromnimon A (*see* Jaakkola et al). 2006;117:642-8 (Current perspectives)
Imokawa G (*see* Taïeb et al). 2006;117:378-90
Inman M (*see* Subbarao et al). 2006;117:1008-13
Ioannidis JPA (*see* Contopoulos-Ioannidis and Ioannidis). 2006;117:222-3 (Letter reply)
Ip MSM (*see* Mak et al). 2006;117:92-6
Ishida H (*see* Yamashita et al). 2006;117:1040-6
Ishida T (*see* Nakajima-Adachi et al). 2006;117:1125-32
Islamian AP (*see* Hahn et al). 2006;117:787-94
Ito K, Chung KF, Adcock IM. Update on glucocorticoid action and resistance. 2006;117:522-43 (Current perspectives)

J

Jaakkola JJK (*see* Jaakkola et al). 2006;117:642-8 (Current perspectives)
Jaakkola MS, Ieromnimon A, Jaakkola JJK. Are atopy and specific IgE to mites and molds important for adult asthma? 2006;117:642-8 (Current perspectives)
Jacobson MR (*see* Jones et al). 2006;117:663-9
Jacquemin M (*see* de Halleux et al). 2006;117:571-6
Jacques L (*see* Bateman et al). 2006;117:563-70
Jakob T (*see* Alessandrini et al). 2006;117:824-30
Jalba M-S. Effect of genotype on responses to enantiomers and the significance of the eudismic analysis in asthma research. 2006;117:712 (Correspondence)
Janson C (*see* de Marco et al). 2006;117:1249-56
Jarjour NN (*see* Johansson et al). 2006;117:1502-4 (Letters to the editor)
Jarvis D (*see* de Marco et al). 2006;117:1249-56
Jayaram L (*see* Kelly et al). 2006;117:989-94
Jeebhay MF (*see* Nieuwenhuizen et al). 2006;117:1098-105
Jenmalm MC (*see* Böttcher et al). 2006;117:220 (Letter reply)
Jennings GT (*see* Kündig et al). 2006;117:1470-6
Jeong YY, Park H-S, Choi JH, Kim S-H, Min K-U. Two cases of anaphylaxis caused by perilla seed. 2006;117:1505-6 (Letters to the editor)
Jhingran P (*see* Schatz et al). 2006;117:549-56
Jiang S (*see* Feng et al). 2006;117:612-7
Jin X (*see* Burkart et al). 2006;117:86-91
Jõgi R (*see* de Marco et al). 2006;117:1249-56
Johansen N (*see* Durham et al). 2006;117:802-9
Johansson MW, Barthel SR, Swenson CA, Evans MD, Jarjour NN, Mosher DF, Busse WW. Eosinophil $\beta_1$ integrin activation state correlates with asthma activity in a blind study of inhaled corticosteroid withdrawal. 2006;117:1502-4 (Letters to the editor)
Johnson CC (*see* Joseph et al). 2006;117:233-40 (Review)
Johnson M. Molecular mechanisms of $\beta_2$-adrenergic receptor function, response, and regulation. 2006;117:18-24 (Review)
Johnson MS (*see* Schatz et al). 2006;117:995-1000
Johnston NW, Johnston SL, Norman GR, Dai J, Sears MR. The September epidemic of asthma hospitalization: School children as disease vectors. 2006;117:557-62
Johnston SL (*see* Johnston et al). 2006;117:557-62
Johnston SL. Macrolide antibiotics and asthma treatment. 2006;117:1233-6
Jones GJ (*see* Berglund et al). 2006;117:870-7
Jones MG, Floyd A, Nouri-Aria KT, Jacobson MR, Durham SR, Taylor AN, Cullinan P. Is occupational asthma to diisocyanates a non–IgE-mediated disease? 2006;117:663-9
Jones RW (*see* Maier et al). 2006;117:1306-13
Joseph CLM, Williams LK, Ownby DR, Saltzgaber J, Johnson CC. Applying epidemiologic concepts of primary, secondary, and tertiary prevention to the elimination of racial disparities in asthma. 2006;117:233-40 (Review)
Joubert P (*see* Plante et al). 2006;117:1321-7
Jousilahti P (*see* von Hertzen et al). 2006;117:151-7
Just J (*see* Nikasinovic et al). 2006;117:1382-8

K

Kabesch M, Schedel M, Carr D, Woitsch B, Fritzsch C, Weiland SK, von Mutius E. IL-4/IL-13 pathway genetics strongly influence serum IgE levels and childhood asthma. 2006;117:269-74
Kagey-Sobotka A (*see* Golden et al). 2006;117:670-5
Kaisho T, Akira S. Toll-like receptor function and signaling. 2006;117:979-87
Kakiuchi T (*see* Yamashita et al). 2006;117:1040-6
Kaliner MA (*see* Lieberman et al). 2006;117:478-82
Kalkkinen N (*see* Puumalainen et al). 2006;117:426-32
Kaminogawa S (*see* Nakajima-Adachi et al). 2006;117:1125-32
Kanamori Y (*see* Nakajima-Adachi et al). 2006;117:1125-32
Kang M-J (*see* Kim et al). 2006;117:1191-2
Kapp A (*see* Taïeb et al). 2006;117:378-90
Kappler M (*see* Hartl et al). 2006;117:204-11
Karagiannidis C, Hense G, Martin C, Epstein M, Rückert B, Mantel P-Y, Menz G, Uhlig S, Blaser K, Schmidt-Weber CB. Activin A is an acute allergen-responsive cytokine and provides a link to TGF-β–mediated airway remodeling in asthma. 2006;117:111-8
Karg E (*see* Alessandrini et al). 2006;117:824-30
Karjalainen J, Pasternack R. *Chlamydia pneumoniae* and airway remodeling. 2006;117:1193-4 (Letter reply)

Kattan M, Stearns S, Crain E, Visness C, Mitchell H. Cost-effectiveness of home-based interventions should also take into account nonrespiratory indoor health hazards. 2006;117:953 (Letter reply)
Kauffman HF (*see* Reijmerink et al). 2006;117:219 (Correspondence)
Kavuru MS (*see* Rambasek and Kavuru). 2006;117:708-9 (Letters to the editor)
Kawaguchi M, Takahashi D, Hizawa N, Suzuki S, Matsukura S, Kokubu F, Maeda Y, Fukui Y, Konno S, Huang S-K, Nishimura M, Adachi M. IL-17F sequence variant (His161Arg) is associated with protection against asthma and antagonizes wild-type IL-17F activity. 2006;117: 795-801
Kawauchi H (*see* Aoi et al). 2006;117:1359-66
Keith TP (*see* Burkart et al). 2006;117:86-91
Keller AC, Mucida D, Gomes E, Faquim-Mauro E, Caetano Faria AM, Rodriguez D, Russo M. Hierarchical suppression of asthma-like responses by mucosal tolerance. 2006;117:283-90
Kelly MM, Leigh R, Jayaram L, Goldsmith CH, Parameswaran K, Hargreave FE. Eosinophilic bronchitis in asthma: A model for establishing dose-response and relative potency of inhaled corticosteroids. 2006;117: 989-94
Kelso JM. A second dose of epinephrine for anaphylaxis: How often needed and how to carry. 2006;117:464-5 (Letters to the editor)
Kemeny L (*see* Sonkoly et al). 2006;117:411-7
Kemp J (*see* Passalacqua et al). 2006;117:1054-62
Kendall M, Mitchell TJ, Costigan G, Armitage M, Lenzo JC, Thomas JA, von Garnier C, Zosky GR, Turner DJ, Stumbles PA, Sly PD, Holt PG, Thomas WR. Downregulation of IgE antibody and allergic responses in the lung by epidermal biolistic microparticle delivery. 2006;117:275-82
Kephart GM (*see* Plager et al). 2006;117:626-34
Kerkhof M (*see* Douwes et al). 2006;117:1067-73
Kerkhof M (*see* Wijga et al). 2006;117:440-7
Kespohl S (*see* Kleine-Tebbe et al). 2006;117:190-5
Khan DA (*see* Shanmugam et al). 2006;117:950-1 (Letters to the editor)
Kikuchi A (*see* Nakajima-Adachi et al). 2006;117: 1125-32
Kim H-B, Lee S-Y, Shim JY, Kim J-H, Kang M-J, Hong S-J. The leukotriene C4 synthase (A-444C) promoter polymorphism is associated with the severity of exercise-induced asthma in Korean children. 2006;117: 1191-2
Kim J-H (*see* Kim et al). 2006;117:1191-2
Kim S-H (*see* Jeong et al). 2006;117:1505-6 (Letters to the editor)
Kim Y-K (*see* Park et al). 2006;117:774-9
Kim Y-Y (*see* Park et al). 2006;117:774-9
Kimura M (*see* Suzukawa et al). 2006;117:1500-1 (Letters to the editor)
King RA (*see* Blumenthal et al). 2006;117:79-85
Kippelen P (*see* Anderson et al). 2006;117:767-73
Kirk CJ (*see* Gern et al). 2006;117:72-8
Kirkpatrick CH. Identification of cellular cooperation in abtibody production. 2006;117:960-2 (The allergy archives)
Kistner EO (*see* Li et al). 2006;117:119-26
Klein E (*see* Koch et al). 2006;117:163-8
Kleine-Tebbe J (*see* Noga et al). 2006;117:1493-9
Kleine-Tebbe J, Heinatz A, Gräser I, Dautel H, Hansen GN, Kespohl S, Rihs H-P, Raulf-Heimsoth M, Vater G, Rytter M, Haustein U-F. Bites of the European pigeon tick (*Argas reflexus*): Risk of IgE-mediated sensitizations and anaphylactic reactions. 2006;117:190-5
Kline JN (*see* Casale et al). 2006;117:134-40
Klion AD, Bochner BS, Gleich GJ, Nutman TB, Rothenberg ME, Simon H-U, Wechsler ME, Weller PF. Approaches to the treatment of hypereosinophilic syndromes: A workshop summary report. 2006;117:1292-302 (Workshop summary)
Klossek JM (*see* Bousquet et al). 2006;117:158-62
Klucken AC (*see* Noga et al). 2006;117:1493-9
Knight AK, Shreffler WG, Sampson HA, Sicherer SH, Noone S, Mofidi S, Nowak-Wegrzyn A. Skin prick test to egg white provides additional diagnostic utility to serum egg white–specific IgE antibody concentration in children. 2006;117:842-7
Knol EF (*see* Flinterman et al). 2006;117:448-54
Knol EF (*see* Verhagen et al). 2006;117:176-83
Knop J (*see* Seidel-Guyenot et al). 2006;117:1170-7
Knulst AC (*see* Flinterman et al). 2006;117:448-54
Koch S, Kohl K, Klein E, von Bubnoff D, Bieber T. Skin homing of Langerhans cell precursors: Adhesion, chemotaxis, and migration. 2006;117:163-8
Kohl K (*see* Koch et al). 2006;117:163-8
Köhn F-M (*see* Weidinger et al). 2006;117:213-5 (Letters to the editor)
Kohno Y (*see* Nakajima-Adachi et al). 2006;117:1125-32
Kojima M (*see* Matsuda et al). 2006;117:705-6 (Letters to the editor)
Kokubu F (*see* Kawaguchi et al). 2006;117:795-801
Komiya A (*see* Suzukawa et al). 2006;117:1500-1 (Letters to the editor)
Kon OM (*see* Barczyk et al). 2006;117:1484-92
Konno S (*see* Kawaguchi et al). 2006;117:795-801
Koppelman GH (*see* Reijmerink et al). 2006;117:219 (Correspondence)
Kosinski M (*see* Schatz et al). 2006;117:549-56
Kosunen TU (*see* von Hertzen et al). 2006;117:151-7
Kotovuori A (*see* Puumalainen et al). 2006;117:426-32
Kraft M, Hamid Q. Mycoplasma in severe asthma. 2006;117: 1197-8 (Images in Allergy and Immunology)
Krauss-Etschmann S (*see* Hartl et al). 2006;117:204-11
Krauth M-T (*see* Flicker et al). 2006;117:1336-43
Kulus M (*see* Feleszko et al). 2006;117:97-102
Kumar R, Wang B, Wang X, Chen C, Yang J, Fu L, Xu X. Bronchodilator responses in Chinese children from asthma index families and the general population. 2006;117:1257-63
Kündig TM, Senti G, Schnetzler G, Wolf C, Prinz Vavricka BM, Fulurija A, Hennecke F, Sladko K, Jennings GT, Bachmann MF. Der p 1 peptide on virus-like particles is

safe and highly immunogenic in healthy adults. 2006;117:1470-6
Kundu S (*see* Pearlman et al). 2006;117:1195-6 (Letter reply)
Kunkel G (*see* Noga et al). 2006;117:1493-9
Kuntz KM (*see* Fuhlbrigge et al). 2006;117:359-66
Kvedariene V (*see* Co Minh et al). 2006;117:466-8 (Letters to the editor)

L

Laatikainen T (*see* von Hertzen et al). 2006;117:151-7
Lack G (*see* Roberts et al). 2006;117:263-8
LaForce C (*see* Pearlman et al). 2006;117:1195-6 (Letter reply)
Laforest L, Van Ganse E, Devouassoux G, Bousquet J, Chretin S, Bauguil G, Pacheco Y, Chamba G. Influence of patients' characteristics and disease management on asthma control. 2006;117:1404-10
Lagaraine C (*see* Hoarau et al). 2006;117:696-702
Lahoz C (*see* Fernández-Nieto et al). 2006;117:948-50 (Letters to the editor)
Lajoie-Kadoch S (*see* Létuvé et al). 2006;117:590-6
Lam CWK (*see* Chan et al). 2006;117:127-33
Lam D (*see* Ng et al). 2006;117:1074-81
Lam WK (*see* Mak et al). 2006;117:92-6
Lamoureux J, Stankova J, Rola-Pleszczynski M. Leukotriene $D_4$ enhances immunoglobulin production in CD40-activated human B lymphocytes. 2006;117:924-30
Lange LA (*see* Dijkstra et al). 2006;117:604-11
Langefeld CD (*see* Blumenthal et al). 2006;117:79-85
Langley SJ (*see* Gore et al). 2006;117:649-55
Lanzi G (*see* Notarangelo et al). 2006;117:855-64 (Current perspectives)
Laouini D (*see* Yalcindag et al). 2006;117:1455-61
Larsen G (*see* Zeiger et al). 2006;117:45-52
Laskowski D (*see* Dinakar et al). 2006;117:212-3 (Letters to the editor)
Lastra LP (*see* Pimiento et al). 2006;117:707-8 (Letters to the editor)
Lauener R (*see* Ege et al). 2006;117:817-23
Lauener R (*see* Schaub et al). 2006;117:969-77 (Review)
Lauerma AI (*see* Sonkoly et al). 2006;117:411-7
Laviolette M (*see* Plante et al). 2006;117:1321-7
Law BKW (*see* Mak et al). 2006;117:92-6
Lay JC (*see* Alexis et al). 2006;117:1396-403
Lazarus R (*see* Raby et al). 2006;117:298-305
Le Bourgeois M (*see* Pham-Thi et al). 2006;117:217-8 (Letters to the editor)
Le Gal M (*see* Bousquet et al). 2006;117:158-62
Lebranchu Y (*see* Hoarau et al). 2006;117:696-702
LeCiel C (*see* Bilsborough et al). 2006;117:418-25
Lee DKC, Borade PS, Currie GP. $\beta_2$-Adrenergic receptor polymorphism in asthma: Prospective versus retrospective perspective. 2006;117:222 (Correspondence)
Lee J-E (*see* Park et al). 2006;117:774-9
Lee J-Y (*see* Park et al). 2006;117:774-9
Lee S-Y (*see* Kim et al). 2006;117:1191-2
Lee SY, Cho JY, Miller M, McElwain K, McElwain S, Sriramarao P, Raz E, Broide DH. Immunostimulatory DNA inhibits allergen-induced peribronchial angiogenesis in mice. 2006;117:597-603
Lee TH (*see* Ying et al). 2006;117:312-8
Leiferman KM (*see* Plager et al). 2006;117:626-34
Leigh R (*see* Kelly et al). 2006;117:989-94
Leite-de-Moraes MC (*see* Pham-Thi et al). 2006;117:217-8 (Letters to the editor)
Lemanske RF Jr (*see* Gern et al). 2006;117:72-8
Lemanske RF Jr (*see* Zeiger et al). 2006;117:45-52
Lemanske RF Jr, Gern JE, Gangnon RE. Viral specimen collection by parents increases response rate in population-based virus studies. 2006;117:956-7 (Letter reply)
Lemiere C (*see* Bergeron et al). 2006;117:703-5 (Letters to the editor)
Lentner B (*see* Alessandrini et al). 2006;117:824-30
Lenzo JC (*see* Kendall et al). 2006;117:275-82
Leong A (*see* Schatz et al). 2006;117:995-1000
Létuvé S, Lajoie-Kadoch S, Audusseau S, Rothenberg ME, Fiset P-O, Ludwig MS, Hamid Q. IL-17E upregulates the expression of proinflammatory cytokines in lung fibroblasts. 2006;117:590-6
Leung DYM (*see* Bilsborough et al). 2006;117:418-25
Leung DYM (*see* Cardona et al). 2006;117:688-95
Leung DYM (*see* Howell et al). 2006;117:836-41
Leung DYM (*see* Liu and Leung). 2006;117:1063-6 (Editorial)
Leung DYM (*see* Szefler et al). 2006;117:26-9 (Editorial)
Leung DYM, Hopper NT, DuHadway T. Navigating today's success to prepare for tomorrow's exploration. 2006;117:753-5 (Editorial)
Leung DYM, Nelson HS, Szefler SJ. The editors' choice. 2006;117:1-2, 231-2, 485-6, 967-8, 723-4, 1201-2
Leung HCM (*see* Mak et al). 2006;117:92-6
Leung TF (*see* Chan et al). 2006;117:127-33
Levi M, Choi G, Picavet C, Hack CE. Self-administration of C1-inhibitor concentrate in patients with hereditary or acquired angioedema caused by C1-inhibitor deficiency. 2006;117:904-8
Levi-Schaffer F (*see* Bachelet et al). 2006;117:1314-20
Levi-Schaffer F (*see* Puxeddu et al). 2006;117:103-10
Lewandowska D (*see* Feleszko et al). 2006;117:97-102
Lewis LM (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Lezaun A (*see* Colás et al). 2006;117:810-6
Li CY (*see* Chan et al). 2006;117:127-33
Li H, Romieu I, Sienra-Monge J-J, Ramirez-Aguilar M, del Rio-Navarro BE, Kistner EO, Gjessing HK, del Carmen Lara-Sanchez I, Chiu GY, London SJ. Genetic polymorphisms in arginase I and II and childhood asthma and atopy. 2006;117:119-26
Li JT (*see* Schatz et al). 2006;117:549-56
Li Z (*see* Gern et al). 2006;117:72-8
Lieberman PL (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Lieberman PL, Kaliner MA, Lockey RF, Simons FER. Anaphylaxis and the American Academy of Allergy, Asthma, and Immunology. 2006;117:478-82 (The allergy archives)

Liebhaber M (*see* Lin et al). 2006;117:878-82
Lin JH, Liebhaber M, Roberts RL, Dyer Z, Stiehm ER. Etanercept treatment of cutaneous granulomas in common variable immunodeficiency. 2006;117:878-82
Linday LA. Nutritional supplements and pediatric upper respiratory tract illnesses. 2006;117:953-4 (Correspondence)
Lindström A (*see* Böttcher et al). 2006;117:220 (Letter reply)
Linneberg A, Simonsen JB, Petersen J, Stensballe LG, Benn CS. Differential effects of risk factors on infant wheeze and atopic dermatitis emphasize a different etiology. 2006;117:184-9
Linnemann DL (*see* Cox et al). 2006;117:1021-35
Liss GM (*see* Amin et al). 2006;117:169-75
Little F (*see* Burkart et al). 2006;117:86-91
Liu AH, Leung DYM. Renaissance of the hygiene hypothesis. 2006;117:1063-6 (Editorial)
Livne I (*see* Graif et al). 2006;117:1435-9
Lockey RF (*see* Lieberman et al). 2006;117:478-82
Lockey RF (*see* Passalacqua et al). 2006;117:1054-62
Lockey RF. Andor Szentivanyi, MD, May 4, 1925–October 22, 2005. 2006;117:32-3
Lombardi C (*see* Passalacqua et al). 2006;117:946-8 (Letters to the editor)
Lombardi C, Tansini A, Passalacqua G. Seasonal sensorineural hearing loss associated with allergic rhinitis: A case report. 2006;117:468-9 (Letters to the editor)
London SJ (*see* Li et al). 2006;117:119-26
London SJ (*see* Salo et al). 2006;117:473 (Correspondence)
Lopata AL (*see* Nieuwenhuizen et al). 2006;117:1098-105
López-Granados E (*see* Pérez de Diego et al). 2006;117:1462-9
López-Serrano C (*see* Caballero et al). 2006;117:476-7 (Correspondence)
Lowe AJ, Carlin JB, Bennett CM, Abramson MJ, Hosking CS, Hill DJ, Dharmage SC. Atopic disease and breast-feeding— cause or consequence? 2006;117:682-7
Lowe CE (*see* Maier et al). 2006;117:1306-13
Ludwig MS (*see* Létuvé et al). 2006;117:590-6
Ludwig-Portugall I (*see* Sudowe et al). 2006;117:196-203
Ly NP (*see* Gold et al). 2006;117:931-8

## M

Maeda Y (*see* Kawaguchi et al). 2006;117:795-801
Maier LM, Howson JMM, Walker N, Spickett GP, Jones RW, Ring SM, McArdle WL, Lowe CE, Bailey R, Payne F, Todd JA, Strachan DP. Association of *IL13* with total IgE: Evidence against an inverse association of atopy and diabetes. 2006;117:1306-13
Maintz L, Benfadal S, Allam J-P, Hagemann T, Fimmers R, Novak N. Evidence for a reduced histamine degradation capacity in a subgroup of patients with atopic eczema. 2006;117:1106-12
Mak JCW, Leung HCM, Ho SP, Law BKW, Ho ASS, Lam WK, Ip MSM, Chan-Yeung MMW. Analysis of TGF-$\beta_1$ gene polymorphisms in Hong Kong Chinese patients with asthma. 2006;117:92-6
Mäkelä MJ (*see* von Hertzen et al). 2006;117:151-7
Malech HL (*see* Puck and Malech). 2006;117:865-9
Mandron M, Ariès M-F, Brehm RD, Tranter HS, Acharya KR, Charveron M, Davrinche C. Human dendritic cells conditioned with *Staphylococcus aureus* enterotoxin B promote $T_H2$ cell polarization. 2006;117:1141-7
Mantel P-Y (*see* Karagiannidis et al). 2006;117:111-8
Marcon A (*see* de Marco et al). 2006;117:1249-56
Marcus P (*see* Schatz et al). 2006;117:549-56
Marinoni A (*see* de Marco et al). 2006;117:1249-56
Marks A (*see* Wolf and Marks). 2006;117:477 (Letter reply)
Marrack P. Thymocytes and bone marrow cells in 1966: Where did we go from there? 2006;117:962-4 (The Allergy Archives)
Martin C (*see* Karagiannidis et al). 2006;117:111-8
Martin JG (*see* Bergeron et al). 2006;117:703-5 (Letters to the editor)
Martin JW (*see* Fuller et al). 2006;117:1186-8
Martin L (*see* Hoarau et al). 2006;117:696-702
Martinez FD (*see* Vercelli et al). 2006;117:1303-5 (Editorial)
Martinez FD (*see* Zeiger et al). 2006;117:45-52
Martínez-Moratalla J (*see* de Marco et al). 2006;117:1249-56
Masuda T (*see* Aoi et al). 2006;117:1359-66
Matsuda H (*see* Nakajima-Adachi et al). 2006;117:1125-32
Matsuda K, Nishi Y, Okamatsu Y, Kojima M, Matsuishi T. Ghrelin and leptin: A link between obesity and allergy? 2006;117:705-6 (Letters to the editor)
Matsuishi T (*see* Matsuda et al). 2006;117:705-6 (Letters to the editor)
Matsukura S (*see* Kawaguchi et al). 2006;117:795-801
Matsumoto R (*see* Plager et al). 2006;117:626-34
Matsuo Y (*see* Yamashita et al). 2006;117:1040-6
Matysiak K (*see* Feleszko et al). 2006;117:97-102
Maurer M (*see* Bilsborough et al). 2006;117:418-25
Mayerhofer A (*see* Weidinger et al). 2006;117:213-5 (Letters to the editor)
Mayorga C (*see* Antunez et al). 2006;117:404-10
McArdle WL (*see* Maier et al). 2006;117:1306-13
McElwain K (*see* Cho et al). 2006;117:618-25
McElwain K (*see* Lee et al). 2006;117:597-603
McElwain S (*see* Cho et al). 2006;117:618-25
McElwain S (*see* Lee et al). 2006;117:597-603
McGeady SJ (*see* Skorpinski et al). 2006;117:463-4 (Letters to the editor)
McKenzie DC (*see* Anderson et al). 2006;117:767-73
Meijer Y (*see* Flinterman et al). 2006;117:448-54
Meller S (*see* Sonkoly et al). 2006;117:411-7
Mendoza G (*see* Schatz et al). 2006;117:995-1000
Meng Q (*see* Ying et al). 2006;117:312-8
Menz G (*see* Karagiannidis et al). 2006;117:111-8
Metcalfe DD (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Metcalfe DD, Boyce JA. Mast cell biology in evolution. 2006;117:1227-9 (Editorial)
Meyer P (*see* Gern et al). 2006;117:72-8
Meyers DA (*see* Blumenthal et al). 2006;117:79-85
Meyers DA (*see* Dijkstra et al). 2006;117:604-11
Michaels KB (*see* Flöistrup et al). 2006;117:59-66
Michels KB (*see* Flöistrup et al). 2006;117:1507-8 (Correspondence)

Michils A (*see* Baldassarre et al). 2006;117:215-7 (Letters to the editor)
Mihaescu T (*see* Bateman et al). 2006;117:563-70
Mikus LD (*see* Gern et al). 2006;117:72-8
Miller GE (*see* Chen et al). 2006;117:1014-20
Miller M (*see* Cho et al). 2006;117:618-25
Miller M (*see* Lee et al). 2006;117:597-603
Miller RL (*see* Perzanowski et al). 2006;117:1082-9
Min K-U (*see* Jeong et al). 2006;117:1505-6 (Letters to the editor)
Min K-U (*see* Park et al). 2006;117:774-9
Minto J (*see* Ball et al). 2006;117:306-11
Mitchell H (*see* Kattan et al). 2006;117:953 (Letter reply)
Mitchell TJ (*see* Kendall et al). 2006;117:275-82
Mitre E, Nutman TB. IgE memory: Persistence of antigen-specific IgE responses years after treatment of human filarial infections. 2006;117:939-45
Mizubuchi H (*see* Aoi et al). 2006;117:1359-66
Mocharla RM (*see* Plager et al). 2006;117:626-34
Mofidi S (*see* Knight et al). 2006;117:842-7
Mokhtarani M (*see* Casale et al). 2006;117:134-40
Momas I (*see* Nikasinovic et al). 2006;117:1382-8
Montañez MI (*see* Antunez et al). 2006;117:404-10
Montermann E (*see* Sudowe et al). 2006;117:196-203
Monzón S (*see* Colás et al). 2006;117:810-6
Moon H-B (*see* Park et al). 2006;117:774-9
Moore ML, Peebles RS Jr. Update on the role of prostaglandins in allergic lung inflammation: Separating friends from foes, harder than you might think. 2006;117:1036-9
Moore WC, Peters SP. Severe asthma: An overview. 2006;117:487-94 (Review)
Moreira A (*see* Barros et al). 2006;117:1501-2 (Letters to the editor)
Moreira P (*see* Barros et al). 2006;117:1501-2 (Letters to the editor)
Morgan WJ (*see* Zeiger et al). 2006;117:45-52
Mosen D (*see* Schatz et al). 2006;117:995-1000
Mosher DF (*see* Johansson et al). 2006;117:1502-4 (Letters to the editor)
Mosquera MR (*see* Pimiento et al). 2006;117:707-8 (Letters to the editor)
Moss MH (*see* Casale et al). 2006;117:134-40
Moss MH (*see* Zeiger et al). 2006;117:45-52
Mucida D (*see* Keller et al). 2006;117:283-90
Mueller C (*see* Ferrara et al). 2006;117:780-6
Muller A (*see* Sonkoly et al). 2006;117:411-7
Munitz A (*see* Bachelet et al). 2006;117:1314-20
Muñoz-Furlong A (*see* Sampson et al). 2006;117:1439-44
Muñoz-Furlong A (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Murakami D (*see* Aoi et al). 2006;117:1359-66
Murali R (*see* Berglund et al). 2006;117:870-7
Muraro A (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Murphy S, Roberts R. "Black box" 101: How the Food and Drug Administration evaluates, communicates, and manages drug benefit/risk. 2006;117:34-9 (Current perspectives)
Murray JJ (*see* Schatz et al). 2006;117:549-56
Musarra A (*see* Passalacqua et al). 2006;117:946-8 (Letters to the editor)

## N

Naclerio RM (*see* Cruz et al). 2006;117:1351-8
Nakajima-Adachi H, Ebihara A, Kikuchi A, Ishida T, Sasaki K, Hirano K, Watanabe H, Asai K, Takahashi Y, Kanamori Y, Shimojo N, Matsuda H, Kohno Y, Hachimura S, Kaminogawa S. Food antigen causes $T_H2$-dependent enteropathy followed by tissue repair in T-cell receptor transgenic mice. 2006;117:1125-32
Nathan RA (*see* Schatz et al). 2006;117:549-56
Nelson HS (*see* Cox et al). 2006;117:1021-35
Nelson HS (*see* Leung et al). 2006;117:1-2, 231-2, 485-6, 723-4, 967-8, 1201-2
Nelson HS. Advances in upper airway diseases and allergen immunotherapy. 2006;117:1047-53
Nelson HS. Is there a problem with inhaled long-acting β-adrenergic agonists? 2006;117:3-16 (Review)
Nemery B (*see* Vanoirbeek et al). 2006;117:1090-7
Neukirch F (*see* Bousquet et al). 2006;117:158-62
Ng N, Lam D, Paulus P, Batzer G, Horner AA. House dust extracts have both $T_H2$ adjuvant and tolerogenic activities. 2006;117:1074-81
Nieuwenhuizen N, Lopata AL, Jeebhay MF, Herbert DBR, Robins TG, Brombacher F. Exposure to the fish parasite *Anisakis* causes allergic airway hyperreactivity and dermatitis. 2006;117:1098-105
Niggemann B (*see* Passalacqua et al). 2006;117:1054-62
Nikasinovic L, Just J, Sahraoui F, Seta N, Grimfeld A, Momas I. Nasal inflammation and personal exposure to fine particles (2.5 μm in diameter) in asthmatic children. 2006;117:1382-8
Ninaber DK (*see* Zuyderduyn et al). 2006;117:1328-35
Nishi Y (*see* Matsuda et al). 2006;117:705-6 (Letters to the editor)
Nishimura M (*see* Kawaguchi et al). 2006;117:795-801
Nito T (*see* Suzukawa et al). 2006;117:1500-1 (Letters to the editor)
Niven R (*see* Tavernier et al). 2006;117:656-62
Nockher WA (*see* Hahn et al). 2006;117:787-94
Nockher WA, Renz H. Neurotrophins and asthma: Novel insight into neuroimmune interaction. 2006;117:67-71
Nockher WA, Renz H. Neurotrophins in allergic diseases: From neuronal growth factors to intercellular signaling molecules. 2006;117:583-9 (Rostrum)
Noga O, Hanf G, Brachmann I, Klucken AC, Kleine-Tebbe J, Rosseau S, Kunkel G, Suttorp N, Seybold J. Effect of omalizumab treatment on peripheral eosinophil and T-lymphocyte function in patients with allergic asthma. 2006;117:1493-9
Nolte H (*see* Cox et al). 2006;117:1021-35
Noone S (*see* Knight et al). 2006;117:842-7
Norman GR (*see* Johnston et al). 2006;117:557-62
Notarangelo L, Casanova J-L, Conley ME, Chapel H, Fischer A, Puck J, Roifman C, Seger R, Geha RS. Primary immunodeficiency diseases: An update from the International Union of Immunological Societies Primary

Immunodeficiency Diseases Classification Committee Meeting in Budapest, 2005. 2006;117:883-96 (Workshop summary)
Notarangelo LD, Lanzi G, Peron S, Durandy A. Defects of class-switch recombination. 2006;117:855-64 (Current perspectives)
Nott DJ (*see* Dahlke et al). 2006;117:1477-83
Nouri-Aria KT (*see* Jones et al). 2006;117:663-9
Novak N (*see* Maintz et al). 2006;117:1106-12
Nowak-Wegrzyn A (*see* Knight et al). 2006;117:842-7
Nutman TB (*see* Klion et al). 2006;117:1292-302 (Workshop summary)
Nutman TB (*see* Mitre and Nutman). 2006;117:939-45

**O**

O'Byrne PM (*see* Subbarao et al). 2006;117:1008-13
O'Connor GT (*see* Burkart et al). 2006;117:86-91
O'Connor R (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Ober C (*see* Blumenthal et al). 2006;117:79-85
Obminski G (*see* Subbarao et al). 2006;117:1008-13
Ochs HD, Thrasher AJ. The Wiskott-Aldrich syndrome. 2006;117:725-38 (Review)
Oettgen HC (*see* Yalcindag et al). 2006;117:1455-61
Oh H-B (*see* Park et al). 2006;117:774-9
Oh S-Y (*see* Park et al). 2006;117:774-9
Ohta K (*see* Yamashita et al). 2006;117:1040-6
Okamatsu Y (*see* Matsuda et al). 2006;117:705-6 (Letters to the editor)
Oken E (*see* Gold et al). 2006;117:931-8
Olivenstein R (*see* Bergeron et al). 2006;117:703-5 (Letters to the editor)
Ollert MW (*see* Grunwald et al). 2006;117:848-54
Onder RF. Ethics of placebos in clinical asthma trials. 2006;117:470-1 (Letter reply)
Oranje AP (*see* Taïeb et al). 2006;117:378-90
Ortolani C (*see* Scibilia et al). 2006;117:433-9
Otis J (*see* Subbarao et al). 2006;117:1008-13
Ottolenghi A (*see* Scibilia et al). 2006;117:433-9
Ou L-S (*see* Cardona et al). 2006;117:688-95
Owen E (*see* Smith et al). 2006;117:831-5
Ownby DR (*see* Joseph et al). 2006;117:233-40 (Review)

**P**

Pacheco Y (*see* Laforest et al). 2006;117:1404-10
Page CP (*see* Boswell-Smith et al). 2006;117:1237-43 (Current perspectives)
Palacín A, Cumplido J, Figueroa J, Ahrazem O, Sánchez-Monge R, Carrillo T, Salcedo G, Blanco C. Cabbage lipid transfer protein Bra o 3 is a major allergen responsible for cross-reactivity between plant foods and pollens. 2006;117:1423-9
Palmer LJ (*see* Gold et al). 2006;117:931-8
Palosuo T (*see* Puumalainen et al). 2006;117:426-32
Paltiel AD (*see* Fuhlbrigge et al). 2006;117:359-66
Panettieri RA (*see* Ameredes and Panettieri). 2006;117:712-3 (Letter reply)
Papadopoulos NG (*see* Psarras et al). 2006;117:291-7
Papapetropoulos A (*see* Psarras et al). 2006;117:291-7
Parameswaran K (*see* Hargreave and Parameswaran). 2006;117:1511 (Correspondence)
Parameswaran K (*see* Kelly et al). 2006;117:989-94
Parikh A (*see* Ying et al). 2006;117:312-8
Park H-S (*see* Jeong et al). 2006;117:1505-6 (Letters to the editor)
Park H-W, Lee J-E, Shin E-S, Lee J-Y, Bahn J-W, Oh H-B, Oh S-Y, Cho S-H, Moon H-B, Min K-U, Elias JA, Kim Y-Y, Kim Y-K. Association between genetic variations of vascular endothelial growth factor receptor 2 and atopy in the Korean population. 2006;117:774-9
Pasmans SG (*see* Flinterman et al). 2006;117:448-54
Passalacqua G (*see* Lombardi et al). 2006;117:468-9 (Letters to the editor)
Passalacqua G, Bousquet PJ, Carlsen K-H, Kemp J, Lockey RF, Niggemann B, Pawankar R, Price D, Bousquet J. ARIA update: I—Systematic review of complementary and alternative medicine for rhinitis and asthma. 2006;117:1054-62
Passalacqua G, Musarra A, Pecora S, Amoroso S, Antonicelli L, Cadario G, Di Gioacchino M, Lombardi C, Ridolo E, Sacerdoti G, Schiavino D, Senna G. Quantitative assessment of the compliance with a once-daily sublingual immunotherapy regimen in real life (EASY Project: Evaluation of A novel SLIT formulation during a Year). 2006;117:946-8 (Letters to the editor)
Pasternack R (*see* Karjalainen and Pasternack). 2006;117:1193-4 (Letter reply)
Pastorello EA (*see* Scibilia et al). 2006;117:433-9
Paterson LQ (*see* Chen et al). 2006;117:1014-20
Paulus P (*see* Ng et al). 2006;117:1074-81
Pavicic T (*see* Howell et al). 2006;117:836-41
Pawankar R (*see* Passalacqua et al). 2006;117:1054-62
Payne D (*see* Saglani et al). 2006;117:955 (Correspondence)
Payne F (*see* Maier et al). 2006;117:1306-13
Pearlman DS, Edward K, Berger WE, LaForce C, Kundu S, Banerji D. Ciclesonide inhalation aerosol for persistent asthma. 2006;117:1195-6 (Letter reply)
Pearlman DS. *Primum non nocere* and "black box" warnings. 2006;117:30-1
Pecora S (*see* Passalacqua et al). 2006;117:946-8 (Letters to the editor)
Peden DB (*see* Alexis et al). 2006;117:1185-6 (Letters to the editor)
Peden DB (*see* Alexis and Peden). 2006;117:1396-403
Peden DB (*see* Bush et al). 2006;117:1367-73
Pedersen MR (*see* Durham et al). 2006;117:802-9
Pedersen S (*see* Subbarao et al). 2006;117:1008-13
Peebles RS Jr (*see* Moore and Peebles). 2006;117:1036-9
Pendergraft TB (*see* Schatz et al). 2006;117:549-56
Peradzyńska J (*see* Feleszko et al). 2006;117:97-102
Pereira B (*see* Venter et al). 2006;117:1118-24
Perera FP (*see* Perzanowski et al). 2006;117:1082-9
Pérez de Diego R, López-Granados E, Pozo M, Rodríguez C, Sabina P, Ferreira A, Fontan G, García-Rodríguez MC, Alemany S. Bruton's tyrosine kinase is not essential for LPS-induced activation of human monocytes. 2006;117:1462-9

Perez-Inestrosa E (*see* Antunez et al). 2006;117:404-10
Perkin MR, Strachan DP. Which aspects of the farming lifestyle explain the inverse association with childhood allergy? 2006;117:1374-80
Perkins DL (*see* Gold et al). 2006;117:931-8
Peron S (*see* Notarangelo et al). 2006;117:855-64 (Current perspectives)
Perry CP (*see* Anderson et al). 2006;117:767-73
Perschon S (*see* Seidel-Guyenot et al). 2006;117:1170-7
Pershagen G (*see* Ege et al). 2006;117:817-23
Pershagen G (*see* Flöistrup et al). 2006;117:1507-8 (Correspondence)
Pershagen G (*see* Flöistrup et al). 2006;117:59-66
Perzanowski MS, Miller RL, Thorne PS, Barr RG, Divjan A, Sheares BJ, Garfinkel RS, Perera FP, Goldstein IF, Chew GL. Endotoxin in inner-city homes: Associations with wheeze and eczema in early childhood. 2006;117:1082-9
Petäys T (*see* von Hertzen et al). 2006;117:151-7
Peters SP (*see* Moore and Peters). 2006;117:487-94
Petersen J (*see* Linneberg et al). 2006;117:184-9
Petitt PL (*see* Fuller et al). 2006;117:1186-8
Pham-Thi N, de Blic J, Le Bourgeois M, Dy M, Scheinmann P, Leite-de-Moraes MC. Enhanced frequency of immunoregulatory invariant natural killer T cells in the airways of children with asthma. 2006;117:217-8 (Letters to the editor)
Phillips BR (*see* Zeiger et al). 2006;117:45-52
Picavet C (*see* Levi et al). 2006;117:904-8
Pichler WJ (*see* Beeler et al). 2006;117:455-62
Pickering CA (*see* Tavernier et al). 2006;117:656-62
Pierzchała W (*see* Barczyk et al). 2006;117:1484-92
Piliponsky AM (*see* Puxeddu et al). 2006;117:103-10
Pimiento AJP, Lastra LP, Cabreros MIR, Sánchez LAG, Mosquera MR, Cubero AG. Hypersensitivity to lansoprazole and rabeprazole with tolerance to other proton pump inhibitors. 2006;117:707-8 (Letters to the editor)
Pin I (*see* de Marco et al). 2006;117:1249-56
Pittman PR (*see* Fuller et al). 2006;117:1186-8
Pivarcsi A (*see* Sonkoly et al). 2006;117:411-7
Plager DA, Weiss EA, Kephart GM, Mocharla RM, Matsumoto R, Checkel JL, Schwartz LB, Gleich GJ, Leiferman KM. Identification of basophils by a mAb directed against pro–major basic protein 1. 2006;117:626-34
Plante S, Semlali AH, Joubert P, Bissonnette É, Laviolette M, Hamid Q, Chakir J. Mast cells regulates procollagen I ($\alpha_1$) production by bronchial fibroblasts derived from subjects with asthma through IL-4/IL-4δ2 ratio. 2006;117:1321-7
Poikonen S (*see* Puumalainen et al). 2006;117:426-32
Pomés A (*see* Hindley et al). 2006;117:1389-95
Porcelli S (*see* Russano et al). 2006;117:1178-84
Portnoy JM (*see* Bush et al). 2006;117:326-33
Postle AD (*see* Russano et al). 2006;117:1178-84
Postma D (*see* Douwes et al). 2006;117:1067-73
Postma DS (*see* Dijkstra et al). 2006;117:604-11
Postma DS (*see* Reijmerink et al). 2006;117:219 (Correspondence)
Powell CA (*see* Saitoh et al). 2006;117:909-15
Powell RJ (*see* Frew et al). 2006;117:319-25
Pozo M (*see* Pérez de Diego et al). 2006;117:1462-9
Pratsinis H (*see* Psarras et al). 2006;117:291-7
Pravettoni V (*see* Scibilia et al). 2006;117:433-9
Price D (*see* Passalacqua et al). 2006;117:1054-62
Prinz Vavricka BM (*see* Kündig et al). 2006;117:1470-6
Proud D (*see* Cruz et al). 2006;117:1351-8
Psarras S, Volonaki E, Skevaki CL, Xatzipsalti M, Bossios A, Pratsinis H, Tsigkos S, Gourgiotis D, Constantopoulos AG, Papapetropoulos A, Saxoni-Papageorgiou P, Papadopoulos NG. Vascular endothelial growth factor–mediated induction of angiogenesis by human rhinoviruses. 2006;117:291-7
Puck J (*see* Notarangelo et al). 2006;117:883-96 (Workshop summary)
Puck JM, Malech HL. Gene therapy for immune disorders: Good news tempered by bad news. 2006;117:865-9
Puumalainen TJ, Poikonen S, Kotovuori A, Vaali K, Kalkkinen N, Reunala T, Turjanmaa K, Palosuo T. Napins, 2S albumins, are major allergens in oilseed rape and turnip rape. 2006;117:426-32
Puxeddu I, Bader R, Piliponsky AM, Reich R, Levi-Schaffer F, Berkman N. The CC chemokine eotaxin/CCL11 has a selective profibrogenic effect on human lung fibroblasts. 2006;117:103-10

## Q

Quaratino D (*see* Viola et al). 2006;117:1189-91
Quirce S (*see* Fernández-Nieto et al). 2006;117:948-50 (Letters to the editor)

## R

Rabe KF (*see* Zuyderduyn et al). 2006;117:1328-35
Raby BA, Van Steen K, Lazarus R, Celedón JC, Silverman EK, Weiss ST. Eotaxin polymorphisms and serum total IgE levels in children with asthma. 2006;117:298-305
Radauer C, Breiteneder H. Pollen allergens are restricted to few protein families and show distinct patterns of species distribution. 2006;117:141-7
Raemsch R (*see* Weidinger et al). 2006;117:213-5 (Letters to the editor)
Rak S (*see* Durham et al). 2006;117:802-9
Rambasek T, Kavuru MS. Omalizumab dosing via the recommended card versus use of the published formula. 2006;117:708-9 (Letters to the editor)
Ramirez-Aguilar M (*see* Li et al). 2006;117:119-26
Raulf-Heimsoth M (*see* Kleine-Tebbe et al). 2006;117:190-5
Rawas-Qalaji MM, Simons FER, Simons KJ. Sublingual epinephrine tablets versus intramuscular injection of epinephrine: Dose equivalence for potential treatment of anaphylaxis. 2006;117:398-403
Raz E (*see* Cho et al). 2006;117:618-25
Raz E (*see* Lee et al). 2006;117:597-603
Rebhan C (*see* Hartl et al). 2006;117:204-11
Reeves-Hammock L (*see* Antas et al). 2006;117:916-23
Reich R (*see* Puxeddu et al). 2006;117:103-10
Reijmerink NE, Hylkema MN, Postma DS, Bruinenberg M, Kauffman HF, Koppelman GH. Confounding effect of

atopy on functional effects of the CD14/-159 promoter polymorphism. 2006;117:219 (Correspondence)
Reinhardt D (*see* Hartl et al). 2006;117:204-11
Renz H (*see* Hahn et al). 2006;117:787-94
Renz H (*see* Nockher et al). 2006;117:583-9 (Rostrum)
Renz H (*see* Nockher and Renz). 2006;117:67-71
Reske-Kunz AB (*see* Sudowe et al). 2006;117:196-203
Reunala T (*see* Puumalainen et al). 2006;117:426-32
Riboldi P (*see* Asero et al). 2006;117:1113-7
Rich SS (*see* Blumenthal et al). 2006;117:79-85
Richmond P (*see* Taylor et al). 2006;117:1148-54
Ridolo E (*see* Passalacqua et al). 2006;117:946-8 (Letters to the editor)
Riedler J (*see* Ege et al). 2006;117:817-23
Riedler J (*see* Flöistrup et al). 2006;117:1507-8 (Correspondence)
Riedler J (*see* Flöistrup et al). 2006;117:59-66
Rieker J (*see* Sonkoly et al). 2006;117:411-7
Rihs H-P (*see* Kleine-Tebbe et al). 2006;117:190-5
Rijkers GT (*see* Wiertsema et al). 2006;117:1344-50
Ring J (*see* Grunwald et al). 2006;117:848-54
Ring J (*see* Taïeb et al). 2006;117:378-90
Ring J (*see* Weidinger et al). 2006;117:213-5 (Letters to the editor)
Ring SM (*see* Maier et al). 2006;117:1306-13
Rivera J, Gilfillan AM. Molecular regulation of mast cell activation. 2006;117:1214-25 (Review)
Roberg KA (*see* Gern et al). 2006;117:72-8
Roberts G (*see* Venter et al). 2006;117:1118-24
Roberts G, Hurley C, Turcanu V, Lack G. Grass pollen immunotherapy as an effective therapy for childhood seasonal allergic asthma. 2006;117:263-8
Roberts R (*see* Murphy and Roberts). 2006;117:34-9 (Current perspectives)
Roberts RL (*see* Lin et al). 2006;117:878-82
Robino A (*see* Scibilia et al). 2006;117:433-9
Robins TG (*see* Nieuwenhuizen et al). 2006;117:1098-105
Rodríguez C (*see* Pérez de Diego et al). 2006;117:1462-9
Rodriguez D (*see* Keller et al). 2006;117:283-90
Roifman C (*see* Notarangelo et al). 2006;117:883-96 (Workshop summary)
Roifman CM, Gu Y, Cohen A. Mutations in the RNA component of RNase mitochondrial RNA processing might cause Omenn syndrome. 2006;117:897-903
Rola-Pleszczynski M (*see* Lamoureux et al). 2006;117:924-30
Rola-Pleszczynski M (*see* Thivierge et al). 2006;117:1155-62
Rolph MS (*see* Su et al). 2006;117:635-41
Romano A (*see* Viola et al). 2006;117:1189-91
Romano-Zelekha O (*see* Graif et al). 2006;117:1435-9
Romieu I (*see* Li et al). 2006;117:119-26
Rosenthal LA (*see* Gern et al). 2006;117:72-8
Ross LF (*see* Coffey and Ross). 2006;117:470 (Correspondence)
Ross R (*see* Sudowe et al). 2006;117:196-203
Rosseau S (*see* Noga et al). 2006;117:1493-9
Rossi GA (*see* Silvestri et al). 2006;117:474-5 (Correspondence)
Rothenberg ME (*see* Klion et al). 2006;117:1292-302 (Workshop summary)
Rothenberg ME (*see* Létuvé et al). 2006;117:590-6
Rothenberg ME (*see* Zweiman and Rothenberg). 2006;117:229-30, 483-4, 718-9, 965-6, 1199-200, 1513-4
Rowe BH, Camargo CA Jr. The use of magnesium sulfate in acute asthma: Rapid uptake of evidence in North American emergency departments. 2006;117:53-8
Rückert B (*see* Karagiannidis et al). 2006;117:111-8
Rudman A (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Ruhno J (*see* Dahlke et al). 2006;117:1477-83
Russano AM, Agea E, Corazzi L, Postle AD, De Libero G, Porcelli S, de Benedictis FM, Spinozzi F. Recognition of pollen-derived phosphatidyl-ethanolamine by human CD1d-restricted γδ T cells. 2006;117:1178-84
Russo M (*see* Keller et al). 2006;117:283-90
Ruven HJT (*see* Wiertsema et al). 2006;117:1344-50
Ruzicka T (*see* Sonkoly et al). 2006;117:411-7
Ryan LM (*see* Gold et al). 2006;117:931-8
Rytter M (*see* Kleine-Tebbe et al). 2006;117:190-5

## S

Saadane A, Soltys J, Berger M. Acute *Pseudomonas* challenge in cystic fibrosis mice causes prolonged nuclear factor-κB activation, cytokine secretion, and persistent lung inflammation. 2006;117:1163-9
Sabina P (*see* Pérez de Diego et al). 2006;117:1462-9
Sacerdoti G (*see* Passalacqua et al). 2006;117:946-8 (Letters to the editor)
Saglani S, Bush A, Payne D. The difference between groups and individuals. 2006;117:955 (Correspondence)
Sahraoui F (*see* Nikasinovic et al). 2006;117:1382-8
Sahu N (*see* Ferrara et al). 2006;117:780-6
Saint-Remy J-M (*see* de Halleux et al). 2006;117:571-6
Saitoh A, Singh KK, Sandall S, Powell CA, Fenton T, Fletcher CV, Hsia K, Spector SA. Association of $CD4^+$ T-lymphocyte counts and new thymic emigrants in HIV-infected children during successful highly active antiretroviral therapy. 2006;117:909-15
Salam MT, Wenten M, Gilliland FD. Endogenous and exogenous sex steroid hormones and asthma and wheeze in young women. 2006;117:1001-7
Salcedo G (*see* Palacín et al). 2006;117:1423-9
Salimans MMM (*see* Wiertsema et al). 2006;117:1344-50
Salo PM, Arbes SJ Jr, Cohn RD, Burge HA, London SJ, Zeldin DC. *Alternaria alternata* antigens in US homes. 2006;117:473 (Correspondence)
Saltzgaber J (*see* Joseph et al). 2006;117:233-40 (Review)
Sampson HA (*see* Knight et al). 2006;117:842-7
Sampson HA, Muñoz-Furlong A, Campbell RL, Adkinson NF Jr, Bock SA, Branum A, Brown SGA, Camargo CA Jr, Cydulka R, Galli SJ, Gidudu J, Gruchalla RS, Harlor AD Jr, Hepner DL, Lewis LM, Lieberman PL, Metcalfe DD, O'Connor R, Plaut M, Muraro A, Rudman A, Schmitt C, Scherrer D, Simons FER, Thomas S, Wood JP, Decker WW. Second symposium on the definition and management of anaphylaxis: Summary report—Second National Institute of Allergy and Infectious Disease/Food

Allergy and Anaphylaxis Network symposium. 2006;117:391-7 (Workshop summary)
Sampson MA, Muñoz-Furlong A, Sicherer SH. Risk-taking and coping strategies of adolescents and young adults with food allergy. 2006;117:1439-44
Sánchez LAG (*see* Pimiento et al). 2006;117:707-8 (Letters to the editor)
Sánchez-Monge R (*see* Palacín et al). 2006;117:1423-9
Sandall S (*see* Saitoh et al). 2006;117:909-15
Sanders EAM (*see* Wiertsema et al). 2006;117:1344-50
Sasaki K (*see* Nakajima-Adachi et al). 2006;117:1125-32
Sastre B (*see* Fernández-Nieto et al). 2006;117:948-50 (Letters to the editor)
Sastre J (*see* Fernández-Nieto et al). 2006;117:948-50 (Letters to the editor)
Satinover SM (*see* Hindley et al). 2006;117:1389-95
Sato K (*see* Yamashita et al). 2006;117:1040-6
Saxon A (*see* Bush et al). 2006;117:326-33
Saxoni-Papageorgiou P (*see* Psarras et al). 2006;117:291-7
Scadding G (*see* Ying et al). 2006;117:312-8
Scarupa MD, Economides A. Bedbug bites masquerading as urticaria. 2006;117:1508-9
Schandene L (*see* Baldassarre et al). 2006;117:215-7 (Letters to the editor)
Schatz M (*see* Donald Leung et al). 2006;117:S495-523
Schatz M (*see* Zeiger et al). 2006;117:45-52
Schatz M, Cook EF. The use of principal component analysis to explore relationships between factors. 2006;117:221-2 (Letter reply)
Schatz M, Sorkness CA, Li JT, Marcus P, Murray JJ, Nathan RA, Kosinski M, Pendergraft TB, Jhingran P. Asthma Control Test: Reliability, validity, and responsiveness in patients not previously followed by asthma specialists. 2006;117:549-56
Schatz M, Zeiger RS, Vollmer WM, Mosen D, Apter AJ, Stibolt TB, Leong A, Johnson MS, Mendoza G, Cook EF. Validation of a β-agonist long-term asthma control scale derived from computerized pharmacy data. 2006;117:995-1000
Schaub B (*see* Gold et al). 2006;117:931-8
Schaub B, Lauener R, von Mutius E. The many faces of the hygiene hypothesis. 2006;117:969-77 (Review)
Schedel M (*see* Kabesch et al). 2006;117:269-74
Scheinmann P (*see* de Blic et al). 2006;117:955 (Letter reply)
Scheinmann P (*see* Pham-Thi et al). 2006;117:217-8 (Letters to the editor)
Schendel DJ (*see* Hartl et al). 2006;117:204-11
Scherrer D (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Scheynius A (*see* Ege et al). 2006;117:817-23
Scheynius A (*see* Flöistrup et al). 2006;117:1507-8 (Correspondence)
Scheynius A (*see* Flöistrup et al). 2006;117:59-66
Schiavino D (*see* Passalacqua et al). 2006;117:946-8 (Letters to the editor)
Schiffer J (*see* Antas et al). 2006;117:916-23
Schildgen O, Wilkesmann A, Simon A. Wheezing in patients with human metapneumovirus infection. 2006;117:223 (Correspondence)
Schmid-Grendelmeier P (*see* Verhagen et al). 2006;117:176-83
Schmid-Grendelmeier P (*see* Weichel et al). 2006;117:676-81
Schmidt-Weber CB (*see* Karagiannidis et al). 2006;117:111-8
Schmitt C (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Schnetzler G (*see* Kündig et al). 2006;117:1470-6
Schoen D (*see* Yasnowsky et al). 2006;117:1430-4
Schram-Bijkerk D (*see* Ege et al). 2006;117:817-23
Schram-Bijkerk D (*see* Flöistrup et al). 2006;117:1507-8 (Correspondence)
Schram-Bijkerk D (*see* Flöistrup et al). 2006;117:59-66
Schroeter C (*see* Gold et al). 2006;117:931-8
Schulz H (*see* Alessandrini et al). 2006;117:824-30
Schwartz LB (*see* Plager et al). 2006;117:626-34
Schwartz LB (*see* Shanmugam et al). 2006;117:950-1 (Letters to the editor)
Scibilia J, Pastorello EA, Zisa G, Ottolenghi A, Bindslev-Jensen C, Pravettoni V, Scovena E, Robino A, Ortolani C. Wheat allergy: A double-blind, placebo-controlled study in adults. 2006;117:433-9
Scovena E (*see* Scibilia et al). 2006;117:433-9
Sears MR (*see* Johnston et al). 2006;117:557-62
Seaton A (*see* Devereux and Seaton). 2006;117:954 (Letter reply)
Seger R (*see* Notarangelo et al). 2006;117:883-96 (Workshop summary)
Seidel-Guyenot W, Perschon S, Dechant N, Alt R, Knop J, Steinbrink K. Low zone tolerance induced by systemic application of allergens inhibits $T_C1$-mediated skin inflammation. 2006;117:1170-7
Semlali AH (*see* Plante et al). 2006;117:1321-7
Senna G (*see* Passalacqua et al). 2006;117:946-8 (Letters to the editor)
Senti G (*see* Kündig et al). 2006;117:1470-6
Seoane C (*see* Fernández-Nieto et al). 2006;117:948-50 (Letters to the editor)
Seta N (*see* Nikasinovic et al). 2006;117:1382-8
Sewell WA (*see* Dahlke et al). 2006;117:1477-83
Sewell WA (*see* Su et al). 2006;117:635-41
Seybold J (*see* Noga et al). 2006;117:1493-9
Seyfert-Margolis V (*see* Casale et al). 2006;117:134-40
Shanmugam G, Schwartz LB, Khan DA. Prolonged elevation of serum tryptase in idiopathic anaphylaxis. 2006;117:950-1 (Letters to the editor)
Shannon J (*see* Bergeron et al). 2006;117:703-5 (Letters to the editor)
Shapiro G (*see* Covar et al). 2006;117:709-11 (Letters to the editor)
Shearer WT, Fischer A. The last 80 years in primary immunodeficiency: How far have we come, how far need we go? 2006;117:748-52 (Editorial)
Sheares BJ (*see* Perzanowski et al). 2006;117:1082-9
Shen K (*see* Gern et al). 2006;117:72-8
Shim JY (*see* Cho et al). 2006;117:618-25
Shim JY (*see* Kim et al). 2006;117:1191-2
Shimojo N (*see* Nakajima-Adachi et al). 2006;117:1125-32

Shin E-S (*see* Park et al). 2006;117:774-9
Shintani AK (*see* Antas et al). 2006;117:916-23
Shiung Y-Y (*see* Chang and Shiung). 2006;117:1203-12 (Review)
Shohat T (*see* Graif et al). 2006;117:1435-9
Shreffler WG (*see* Knight et al). 2006;117:842-7
Shult PA (*see* Gern et al). 2006;117:72-8
Sicherer SH (*see* Knight et al). 2006;117:842-7
Sicherer SH (*see* Sampson et al). 2006;117:1439-44
Sicherer SH, Bock SA. An expanding evidence base provides food for thought to avoid indigestion in managing difficult dilemmas in food allergy. 2006;117:1419-22 (Clinical pearls)
Sienra-Monge J-J (*see* Li et al). 2006;117:119-26
Silverman EK (*see* Raby et al). 2006;117:298-305
Silvestri M, Bellodi S, Rossi GA. Bronchial obstruction: A limited, out-of-fashion approach to measure treatment efficacy in childhood asthma? 2006;117:474-5 (Correspondence)
Simon A (*see* Schildgen et al). 2006;117:223 (Correspondence)
Simon H-U (*see* Klion et al). 2006;117:1292-302 (Workshop summary)
Simons FER (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Simons FER (*see* Rawas-Qalaji et al). 2006;117:398-403
Simons FER. Anaphylaxis, killer allergy: Long-term management in the community. 2006;117:367-77 (Current perspectives)
Simons FER (*see* Lieberman et al). 2006;117:478-82
Simons KJ (*see* Rawas-Qalaji et al). 2006;117:398-403
Simonsen JB (*see* Linneberg et al). 2006;117:184-9
Sinding M (*see* Vahlkvist et al). 2006;117:1272-6
Singh KK (*see* Saitoh et al). 2006;117:909-15
Skamstrup K (*see* Vahlkvist et al). 2006;117:1272-6
Skevaki CL (*see* Psarras et al). 2006;117:291-7
Skorpinski EW, McGeady SJ, Yousef E. Two cases of accidental epinephrine injection into a finger. 2006;117:463-4 (Letters to the editor)
Sladko K (*see* Kündig et al). 2006;117:1470-6
Sly PD (*see* Kendall et al). 2006;117:275-82
Smit HA (*see* Wijga et al). 2006;117:440-7
Smit J (*see* Douwes et al). 2006;117:1067-73
Smith J, Owen E, Earis J, Woodcock A. Effect of codeine on objective measurement of cough in chronic obstructive pulmonary disease. 2006;117:831-5
Soltys J (*see* Saadane et al). 2006;117:1163-9
Sonkoly E, Muller A, Lauerma AI, Pivarcsi A, Soto H, Kemeny L, Alenius H, Dieu-Nosjean M-C, Meller S, Rieker J, Steinhoff M, Hoffmann TK, Ruzicka T, Zlotnik A, Homey B. IL-31: A new link between T cells and pruritus in atopic skin inflammation. 2006;117:411-7
Sorkness CA (*see* Schatz et al). 2006;117:549-56
Sorkness CA (*see* Zeiger et al). 2006;117:45-52
Soto H (*see* Sonkoly et al). 2006;117:411-7
Soukup JM (*see* Alexis et al). 2006;117:1396-403
Spahn JD (*see* Zeiger et al). 2006;117:45-52
Spector SA (*see* Saitoh et al). 2006;117:909-15
Spickett GP (*see* Maier et al). 2006;117:1306-13
Spillner E (*see* Grunwald et al). 2006;117:848-54
Spinozzi F (*see* Russano et al). 2006;117:1178-84
Sriramarao P (*see* Lee et al). 2006;117:597-603
Stankova J (*see* Lamoureux et al). 2006;117:924-30
Stankova J (*see* Thivierge et al). 2006;117:1155-62
Stearns S (*see* Kattan et al). 2006;117:953 (Letter reply)
Steinberger P (*see* Flicker et al). 2006;117:1336-43
Steinbrink K (*see* Seidel-Guyenot et al). 2006;117:1170-7
Steinhoff M (*see* Sonkoly et al). 2006;117:411-7
Stensballe LG (*see* Linneberg et al). 2006;117:184-9
Sterling TR (*see* Antas et al). 2006;117:916-23
Stibolt TB (*see* Schatz et al). 2006;117:995-1000
Stiehm ER (*see* Lin et al). 2006;117:878-82
Stoloff SW, Boushey HA. Severity, control, and responsiveness in asthma. 2006;117:544-8 (Rostrum)
Storey H (*see* Bilsborough et al). 2006;117:418-25
Strachan DP (*see* Maier et al). 2006;117:1306-13
Strachan DP (*see* Perkin et al). 2006;117:1374-80
Streib JE (*see* Howell et al). 2006;117:836-41
Strunk R (*see* Covar et al). 2006;117:709-11 (Letters to the editor)
Strunk RC (*see* Tantisira et al). 2006;117:1264-71
Strunk RC (*see* Zeiger et al). 2006;117:45-52
Stumbles PA (*see* Kendall et al). 2006;117:275-82
Stura E (*see* de Halleux et al). 2006;117:571-6
Su Y-C, Rolph MS, Cooley MA, Sewell WA. Cyclophosphamide augments inflammation by reducing immunosuppression in a mouse model of allergic airway disease. 2006;117:635-41
Subbarao P, Duong M, Adelroth E, Otis J, Obminski G, Inman M, Pedersen S, O'Byrne PM. Effect of ciclesonide dose and duration of therapy on exercise-induced bronchoconstriction in patients with asthma. 2006;117:1008-13
Sudowe S, Ludwig-Portugall I, Montermann E, Ross R, Reske-Kunz AB. Prophylactic and therapeutic intervention in IgE responses by biolistic DNA vaccination primarily targeting dendritic cells. 2006;117:196-203
Sue-Chu M (*see* Anderson et al). 2006;117:767-73
Sung YM (*see* Chan et al). 2006;117:127-33
Suttorp N (*see* Noga et al). 2006;117:1493-9
Suzukawa M, Yamaguchi M, Komiya A, Kimura M, Nito T, Yamamoto K. Ortho-phthalaldehyde–induced anaphylaxis after laryngoscopy. 2006;117:1500-1 (Letters to the editor)
Suzuki S (*see* Kawaguchi et al). 2006;117:795-801
Swartz J (*see* Flöistrup et al). 2006;117:1507-8 (Correspondence)
Swartz J (*see* Flöistrup et al). 2006;117:59-66
Swenson CA (*see* Johansson et al). 2006;117:1502-4 (Letters to the editor)
Szefler SJ (*see* Apter and Szefler). 2006;117:512-8
Szefler SJ (*see* Leung et al). 2006;117:1-2, 231-2, 485-6, 723-4, 967-8, 1201-2
Szefler SJ (*see* Tantisira et al). 2006;117:1264-71
Szefler SJ (*see* Wenzel and Szefler). 2006;117:508-11 (Clinical pearls)
Szefler SJ (*see* Zeiger et al). 2006;117:45-52

Szefler SJ, Whelan GJ, Leung DYM. "Black box" warning: Wake-up call or overreaction? 2006;117:26-9 (Editorial)
Szefler SJ. Bronchial obstruction: A limited, out-of-fashion approach to measure treatment efficacy in childhood asthma? 2006;117:475-6 (Letter reply)

**T**

Tabak C (*see* Wijga et al). 2006;117:440-7
Taïeb A, Hanifin J, Cooper K, Bos JD, Imokawa G, David TJ, Ring J, Gelmetti C, Kapp A, Furue M, de Prost Y, Darsow U, Werfel T, Atherton D, Oranje AP. Proceedings of the 4th Georg Rajka International Symposium on Atopic Dermatitis, Arcachon, France, September 15-17, 2005. 2006;117:378-90
Takahashi D (*see* Kawaguchi et al). 2006;117:795-801
Takahashi Y (*see* Nakajima-Adachi et al). 2006;117:1125-32
Takenaka S (*see* Alessandrini et al). 2006;117:824-30
Tang NLS (*see* Chan et al). 2006;117:127-33
Tansini A (*see* Lombardi et al). 2006;117:468-9 (Letters to the editor)
Tantisira KG (*see* Gold et al). 2006;117:931-8
Tantisira KG, Fuhlbrigge AL, Tonascia J, Van Natta M, Zeiger RS, Strunk RC, Szefler SJ, Weiss ST. Bronchodilation and bronchoconstriction: Predictors of future lung function in childhood asthma. 2006;117:1264-71
Tarkowski M (*see* Vanoirbeek et al). 2006;117:1090-7
Tashimo H (*see* Yamashita et al). 2006;117:1040-6
Taussig LM (*see* Zeiger et al). 2006;117:45-52
Tavernier G, Fletcher G, Gee I, Watson A, Blacklock G, Francis H, Fletcher A, Frank T, Frank P, Pickering CA, Niven R. IPEADAM study: Indoor endotoxin exposure, family status, and some housing characteristics in English children. 2006;117:656-62
Taylor AN (*see* Jones et al). 2006;117:663-9
Taylor DR. Nitric oxide as a clinical guide for asthma management. 2006;117:259-62
Taylor DR. Problems with using exhaled nitric oxide to guide asthma treatment. 2006;117:1511-2 (Letter reply)
Taylor RC, Richmond P, Upham JW. Toll-like receptor 2 ligands inhibit $T_H2$ responses to mite allergen. 2006;117:1148-54
Tedeschi A (*see* Asero et al). 2006;117:1113-7
Terr AI (*see* Bush et al). 2006;117:326-33
Theodoor van Strien R (*see* Ege et al). 2006;117:817-23
Thivierge M, Stankova J, Rola-Pleszczynski M. Toll-like receptor agonists differentially regulate cysteinyl-leukotriene receptor 1 expression and function in human dendritic cells. 2006;117:1155-62
Thomas JA (*see* Kendall et al). 2006;117:275-82
Thomas S (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Thomas WR (*see* Kendall et al). 2006;117:275-82
Thorne PS (*see* Perzanowski et al). 2006;117:1082-9
Thrasher AJ (*see* Ochs and Thrasher). 2006;117:725-38 (Review)
Tillie-Leblond I (*see* de Blic et al). 2006;117:955 (Letter reply)
Tim Chew F (*see* Hindley et al). 2006;117:1389-95
Tisler C (*see* Gern et al). 2006;117:72-8
Todd JA (*see* Maier et al). 2006;117:1306-13
Togias A (*see* Cruz et al). 2006;117:1351-8
Tonascia J (*see* Tantisira et al). 2006;117:1264-71
Torres MJ (*see* Antunez et al). 2006;117:404-10
Torres MJ, Blanca M. The contribution of major and minor determinants from benzylpenicillin to the diagnosis of immediate allergy to β-lactams. 2006;117:220-1 (Letter reply)
Townley RG (*see* Casale et al). 2006;117:134-40
Traidl-Hoffmann C (*see* Verhagen et al). 2006;117:176-83
Tranter HS (*see* Mandron et al). 2006;117:1141-7
Travier N (*see* Douwes et al). 2006;117:1067-73
Trudeau J, Hu H, Chibana K, Chu HW, Westcott JY, Wenzel SE. Selective downregulation of prostaglandin $E_2$–related pathways by the $T_H2$ cytokine IL-13. 2006;117:1446-54
Truman N (*see* Gore et al). 2006;117:649-55
Tsigkos S (*see* Psarras et al). 2006;117:291-7
Turcanu V (*see* Roberts et al). 2006;117:263-8
Turjanmaa K (*see* Puumalainen et al). 2006;117:426-32
Turner DJ (*see* Kendall et al). 2006;117:275-82
Tzianabos A (*see* Gold et al). 2006;117:931-8

**U**

Üblagger E (*see* Flöistrup et al). 2006;117:1507-8 (Correspondence)
Üblagger E (*see* Flöistrup et al). 2006;117:59-66
Uhlig S (*see* Karagiannidis et al). 2006;117:111-8
Uiterwaal CSPM (*see* van der Zalm et al). 2006;117:955-6 (Correspondence)
Upham JW (*see* Taylor et al). 2006;117:1148-54
Upton J. The use of principal component analysis to explore relationships between factors. 2006;117:221 (Correspondence)

**V**

Vaali K (*see* Puumalainen et al). 2006;117:426-32
Vaarala O (*see* Böttcher et al). 2006;117:220 (Letter reply)
Vahlkvist S, Sinding M, Skamstrup K, Bisgaard H. Daily home measurements of exhaled nitric oxide in asthmatic children during natural birch pollen exposure. 2006;117:1272-6
Valent P (*see* Flicker et al). 2006;117:1336-43
Valenta R (*see* Flicker et al). 2006;117:1336-43
van der Ent CK (*see* van der Zalm et al). 2006;117:955-6 (Correspondence)
van der Zalm MM, Uiterwaal CSPM, de Jong BM, Wilbrink B, van der Ent CK. Viral specimen collection by parents increases response rate in population-based virus studies. 2006;117:955-6 (Correspondence)
Van Ganse E (*see* Laforest et al). 2006;117:1404-10
van Hage M (*see* Ege et al). 2006;117:817-23
van Hage M (*see* Flöistrup et al). 2006;117:1507-8 (Correspondence)
van Hage M (*see* Flöistrup et al). 2006;117:59-66
van Hoffen E (*see* Flinterman et al). 2006;117:448-54
van Houwelingen AC (*see* Wijga et al). 2006;117:440-7
Van Natta M (*see* Tantisira et al). 2006;117:1264-71
Van Steen K (*see* Raby et al). 2006;117:298-305

van Strien R (*see* Douwes et al). 2006;117:1067-73
VanderElst L (*see* de Halleux et al). 2006;117:571-6
Vanhooren HM (*see* Vanoirbeek et al). 2006;117:1090-7
Vanoirbeek JAJ, Tarkowski M, Vanhooren HM, De Vooght V, Nemery B, Hoet PHM. Validation of a mouse model of chemical-induced asthma using trimellitic anhydride, a respiratory sensitizer, and dinitrochlorobenzene, a dermal sensitizer. 2006;117:1090-7
Vartiainen E (*see* von Hertzen et al). 2006;117:151-7
Vater G (*see* Kleine-Tebbe et al). 2006;117:190-5
Vedanthan PK (*see* Yasnowsky et al). 2006;117:1430-4
Veenhoven RH (*see* Wiertsema et al). 2006;117:1344-50
Velge-Roussel F (*see* Hoarau et al). 2006;117:696-702
Venter C, Pereira B, Grundy J, Clayton CB, Roberts G, Higgins B, Dean T. Incidence of parentally reported and clinically diagnosed food hypersensitivity in the first year of life. 2006;117:1118-24
Venturini M (*see* Colás et al). 2006;117:810-6
Vercelli D, Martinez FD. The Faustian bargain of genetic association studies: Bigger might not be better, or at least it might not be good enough. 2006;117:1303-5 (Editorial)
Verdino P (*see* Flicker et al). 2006;117:1336-43
Verhagen J, Akdis M, Traidl-Hoffmann C, Schmid-Grendelmeier P, Hijnen DJ, Knol EF, Behrendt H, Blaser K, Akdis CA. Absence of T-regulatory cell expression and function in atopic dermatitis skin. 2006;117:176-83
Viola M, Quaratino D, Volpetti S, Gaeta F, Romano A. Parecoxib tolerability in patients with hypersensitivity to nonsteroidal anti-inflammatory drugs. 2006;117:1189-91
Visness C (*see* Kattan et al). 2006;117:953 (Letter reply)
Vollmer WM (*see* Schatz et al). 2006;117:995-1000
Volonaki E (*see* Psarras et al). 2006;117:291-7
Volpetti S (*see* Viola et al). 2006;117:1189-91
von Bubnoff D (*see* Koch et al). 2006;117:163-8
von Garnier C (*see* Kendall et al). 2006;117:275-82
von Hertzen L, Haahtela T. Disconnection of man and the soil: Reason for the asthma and atopy epidemic? 2006;117:334-44 (Current perspectives)
von Hertzen L, Mäkelä MJ, Petäys T, Jousilahti P, Kosunen TU, Laatikainen T, Vartiainen E, Haahtela T. Growing disparities in atopy between the Finns and the Russians: A comparison of 2 generations. 2006;117:151-7
von Mutius E (*see* Ege et al). 2006;117:817-23
von Mutius E (*see* Flöistrup et al). 2006;117:1507-8 (Correspondence)
von Mutius E (*see* Flöistrup et al). 2006;117:59-66
von Mutius E (*see* Kabesch et al). 2006;117:269-74
von Mutius E (*see* Schaub et al). 2006;117:969-77 (Review)
Vonk JM (*see* Dijkstra et al). 2006;117:604-11

## W

Walker HA (*see* Chen et al). 2006;117:1014-20
Walker N (*see* Maier et al). 2006;117:1306-13
Walls AF (*see* Bradding et al). 2006;117:1277-84 (Current perspectives)
Wang B (*see* Feng et al). 2006;117:612-7
Wang B (*see* Kumar et al). 2006;117:1257-63
Wang L (*see* Feng et al). 2006;117:612-7
Wang X (*see* Kumar et al). 2006;117:1257-63
Waser M (*see* Flöistrup et al). 2006;117:1507-8 (Correspondence)
Waser M (*see* Flöistrup et al). 2006;117:59-66
Watanabe H (*see* Nakajima-Adachi et al). 2006;117:1125-32
Watson A (*see* Tavernier et al). 2006;117:656-62
Wechsler ME (*see* Klion et al). 2006;117:1292-302 (Workshop summary)
Weichel M, Glaser AG, Ballmer-Weber BK, Schmid-Grendelmeier P, Crameri R. Wheat and maize thioredoxins: A novel cross-reactive cereal allergen family related to baker's asthma. 2006;117:676-81
Weidinger S, Mayerhofer A, Raemsch R, Ring J, Köhn F-M. Prostate-specific antigen as allergen in human seminal plasma allergy. 2006;117:213-5 (Letters to the editor)
Weiland SK (*see* Kabesch et al). 2006;117:269-74
Weiss EA (*see* Plager et al). 2006;117:626-34
Weiss KB (*see* Gupta et al). 2006;117:351-8
Weiss ST (*see* Fuhlbrigge et al). 2006;117:359-66
Weiss ST (*see* Gold et al). 2006;117:931-8
Weiss ST (*see* Raby et al). 2006;117:298-305
Weiss ST (*see* Tantisira et al). 2006;117:1264-71
Weldon D (*see* Cox et al). 2006;117:1021-35
Weller PF (*see* Klion et al). 2006;117:1292-302 (Workshop summary)
Wenten M (*see* Salam et al). 2006;117:1001-7
Wenzel S, Szefler SJ. Managing severe asthma. 2006;117:508-11 (Clinical pearls)
Wenzel SE (*see* Trudeau et al). 2006;117:1446-54
Werfel T (*see* Taïeb et al). 2006;117:378-90
Westcott JY (*see* Trudeau et al). 2006;117:1446-54
Whelan GJ (*see* Szefler et al). 2006;117:26-9 (Editorial)
Wiertsema SP, Herpers BL, Veenhoven RH, Salimans MMM, Ruven HJT, Sanders EAM, Rijkers GT. Functional polymorphisms in the mannan-binding lectin 2 gene: Effect on MBL levels and otitis media. 2006;117:1344-50
Wijga AH, van Houwelingen AC, Kerkhof M, Tabak C, de Jongste JC, Gerritsen J, Boshuizen H, Brunekreef B, Smit HA. Breast milk fatty acids and allergic disease in preschool children: The Prevention and Incidence of Asthma and Mite Allergy birth cohort study. 2006;117:440-7
Wilbrink B (*see* van der Zalm et al). 2006;117:955-6 (Correspondence)
Wilkesmann A (*see* Schildgen et al). 2006;117:223 (Correspondence)
Williams JV, Heymann PW, Crowe JE Jr. Wheezing in patients with human metapneumovirus infection. 2006;117:223-4 (Letter reply)
Williams LK (*see* Joseph et al). 2006;117:233-40 (Review)
Willwerth BM (*see* Gold et al). 2006;117:931-8
Wilson S (*see* Holgate et al). 2006;117:496-506
Woitsch B (*see* Kabesch et al). 2006;117:269-74
Wolf BL, Marks A. Reality testing: In reply to Fuhlbrigge and Sullivan. 2006;117:477 (Correspondence)
Wolf C (*see* Kündig et al). 2006;117:1470-6
Wollenberg A (*see* Howell et al). 2006;117:836-41
Wong C (*see* Howell et al). 2006;117:836-41
Wong CK (*see* Chan et al). 2006;117:127-33

Wong GWK (*see* Chan et al). 2006;117:127-33
Wong W (*see* Ho et al). 2006;117:1506-8 (Letters to the editor)
Wood JP (*see* Sampson et al). 2006;117:391-7 (Workshop summary)
Wood RA (*see* Bush et al). 2006;117:326-33
Woodcock A (*see* Gore et al). 2006;117:649-55
Woodcock A (*see* Smith et al). 2006;117:831-5
Woodfolk JA (*see* Hindley et al). 2006;117:1389-95
Wünschmann S (*see* Hindley et al). 2006;117:1389-95

## X

Xatzipsalti M (*see* Psarras et al). 2006;117:291-7
Xu X (*see* Feng et al). 2006;117:612-7
Xu X (*see* Feng et al). 2006;117:612-7
Xu X (*see* Kumar et al). 2006;117:1257-63

## Y

Yajima T (*see* Aoi et al). 2006,117:1359-66
Yalcindag A, He R, Laouini D, Alenius H, Carroll M, Oettgen HC, Geha RS. The complement component C3 plays a critical role in both $T_H1$ and $T_H2$ responses to antigen. 2006;117:1455-61
Yamada H (*see* Aoi et al). 2006;117:1359-66
Yamaguchi M (*see* Suzukawa et al). 2006;117:1500-1 (Letters to the editor)
Yamamoto K (*see* Suzukawa et al). 2006;117:1500-1 (Letters to the editor)
Yamashita N (*see* Yamashita et al). 2006;117:1040-6
Yamashita N, Tashimo H, Matsuo Y, Ishida H, Yoshiura K, Sato K, Yamashita N, Kakiuchi T, Ohta K. Role of CCL21 and CCL19 in allergic inflammation in the ovalbumin-specific murine asthmatic model. 2006;117:1040-6
Yang IA (*see* Burkart et al). 2006;117:86-91
Yang J (*see* Feng et al). 2006;117:612-7
Yang J (*see* Kumar et al). 2006;117:1257-63
Yang WH (*see* Durham et al). 2006;117:802-9
Yao L (*see* Bilsborough et al). 2006;117:418-25
Yasnowsky KM, Dreskin SC, Efaw B, Schoen D, Vedanthan PK, Alam R, Harbeck RJ. Chronic urticaria sera increase basophil CD203c expression. 2006;117:1430-4
Ying S, Meng Q, Scadding G, Parikh A, Corrigan CJ, Lee TH. Aspirin-sensitive rhinosinusitis is associated with reduced E-prostanoid 2 receptor expression on nasal mucosal inflammatory cells. 2006;117:312-8
Yoshikai Y (*see* Aoi et al). 2006;117:1359-66
Yoshiura K (*see* Yamashita et al). 2006;117:1040-6
Yousef E (*see* Skorpinski et al). 2006;117:463-4 (Letters to the editor)

## Z

Zang T (*see* Feng et al). 2006;117:612-7
Zawadzka-Krajewska A (*see* Feleszko et al). 2006;117:97-102
Zeiger RS (*see* Friedman et al). 2006;117:472-3 (Letter reply)
Zeiger RS (*see* Schatz et al). 2006;117:995-1000
Zeiger RS (*see* Tantisira et al). 2006;117:1264-71
Zeiger RS, Szefler SJ, Phillips BR, Schatz M, Martinez FD, Chinchilli VM, Lemanske RF Jr, Strunk RC, Larsen G, Spahn JD, Bacharier LB, Bloomberg GR, Guilbert TW, Heldt G, Morgan WJ, Moss MH, Sorkness CA, Taussig LM. Response profiles to fluticasone and montelukast in mild-to-moderate persistent childhood asthma. 2006;117:45-52
Zeldin DC (*see* Salo et al). 2006;117:473 (Correspondence)
Zeman K (*see* Alexis et al). 2006;117:1396-403
Zisa G (*see* Scibilia et al). 2006;117:433-9
Zissel G (*see* Hartl et al). 2006;117:204-11
Zlotnik A (*see* Sonkoly et al). 2006;117:411-7
Zosky GR (*see* Kendall et al). 2006;117:275-82
Zutavern A (*see* Flöistrup et al). 2006;117:1507-8 (Correspondence)
Zutavern A (*see* Flöistrup et al). 2006;117:59-66
Zuyderduyn S, Ninaber DK, Hiemstra PS, Rabe KF. The antimicrobial peptide LL-37 enhances IL-8 release by human airway smooth muscle cells. 2006;117:1328-35
Zweiman B, Rothenberg ME. Beyond out pages. 2006;117:229-30, 483-4, 718-9, 965-6, 1199-200, 1516-7

# Subject index*

**The index to the abstracts of the scientific sessions of the 62nd annual meeting of the American Academy of Allergy, Asthma and Immunology is located in the February, part 2, issue.**


## A

**Abstracts**
- Late-breaking abstracts presented at scientific sessions. American Academy of Allergy, Asthma and Immunology 62nd annual meeting March 3-7, 2006. 2006;117:720-2
- Program and abstracts of papers to be presented during scientific sessions. American Academy of Allergy, Asthma and Immunology 62nd annual meeting, 3-7, 2006. 2006;117:S1-S393

**Accidents, home**
- Two cases of accidental epinephrine injection into a finger (Skorpinski et al). 2006;117:463-4 (Letters to the editor)

**Acetaminophen**
- Asthma attacks induced by low doses of celecoxib, aspirin, and acetaminophen (Baldassarre et al). 2006;117:215-7 (Letters to the editor)

**Acid phosphatase**
- Molecular cloning and expression in insect cells of honeybee venom allergen acid phosphatase (Api m 3) (Grunwald et al). 2006;117:848-54

**Actins**
- The CC chemokine eotaxin/CCL11 has a selective profibrogenic effect on human lung fibroblasts (Puxeddu et al). 2006;117:103-10

**Activin A;** *see* Activins; Inhibin-beta subunits

**Activins**
- Activin A is an acute allergen-responsive cytokine and provides a link to TGF-β-mediated airway remodeling in asthma (Karagiannidis et al). 2006;117:111-8

**ADAM 33 protein**
- Understanding the pathophysiology of severe asthma to generate new therapeutic opportunities (Holgate et al). 2006;117:496-506 (Review)

**Adolescent behavior**
- Risk-taking and coping strategies of adolescents and young adults with food allergy (Sampson et al). 2006;117:1440-45

**Adrenergic beta-agonists;** *see also specific beta-agonists*
- β-agonist use by Olympic athletes (Leung et al). 2006;117:724 (The editors' choice)
- The "black box" warning and allergy drugs (Aaronson). 2006;117:40-4 (Rostrum)
- Bronchial challenges in athletes applying to inhale a $\beta_2$-agonist at the 2004 Summer Olympics (Anderson et al). 2006;117:767-73
- Does regional lung deposition of inhaled β-agonists determine bronchodilator responses? (Zweiman and Rothenberg). 2006;117:965 (Beyond our pages)
- Effect of genotype on responses to enantiomers and the significance of the eudismic analysis in asthma research (Ameredes and Panettieri). 2006;117: 712-3 (Letter reply)
- Effect of genotype on responses to enantiomers and the significance of the eudismic analysis in asthma research (Jalba). 2006;117:712 (Correspondence)
- A historical perspective of the New Zealand asthma mortality epidemics (Beasley). 2006;117:225-8 (The allergy archives)
- Is there a problem with inhaled long-acting β-adrenergic agonists? (Nelson). 2006;117:3-16 (Review)
- Managing severe asthma (Wenzel and Szefler). 2006;117:508-11 (Editorial)
- Molecular mechanisms of $\beta_2$-adrenergic receptor function, response, and regulation (Johnson). 2006;117:18-24 (Review)
- *Primum non nocere* and "black box" warnings (Pearlman). 2006;117:30-1 (Editorial)
- Stepping down therapy in the well-controlled asthma patient (Leung et al). 2006;117:485 (The editors' choice)
- Using pharmacy β-agonist dispensing data to assess asthma control (Leung et al). 2006;117:967 (The editors' choice)
- Validation of a β-agonist long-term asthma control scale derived from computerized pharmacy data (Schatz et al). 2006;117:995-1000

**Adverse reactions;** *see* Drug hypersensitivity; Drug reactions

**Aeroallergens**
- House dust extracts have both $T_H2$ adjuvant and tolerogenic activities (Ng et al). 2006;117: 1074-81

**Aerosols**
- Ciclesonide inhalation aerosol for persistent asthma (Chowdhury). 2006;117:1194 (Correspondence)
- Ciclesonide inhalation aerosol for persistent asthma (Pearlman et al). 2006;117:1195-6 (Letter reply)
- Helium/oxygen-driven albuterol nebulization in the treatment of asthma exacerbations in children (Zweiman and Rothenberg). 2006;117: 230 (Beyond our pages)
- Lung deposition and bronchodilator response as a function of $\beta_2$-agonist particle size (Zweiman and Rothenberg). 2006;117:229 (Beyond our pages)


*January, pp. 1-230; February, part 1, pp. 231-484; part 2, pp. S1-S428; part 3, pp. S429-S494; part 4, pp. S495-S524; March, pp. 485-722; April, part 1, pp. 723-966; part 2, pp. S525-S554; May, pp. 967-1200; June, pp. 1201-1584.

**Agammaglobulinemia**
Bruton's tyrosine kinase is not essential for LPS-induced activation of human monocytes (de Diego et al). 2006;117:1462-9
**AIRE;** *see* Transcription factors
**Air pollution**
Effects of ultrafine carbon particle inhalation on allergic inflammation of the lung (Alessandrini et al). 2006;117:824-30
IPEADAM study: Indoor endotoxin exposure, family status, and some housing characteristics in English children (Tavernier et al). 2006;117:656-62
**Air sampling**
Intranasal air sampling in homes: Relationships among reservoir allergen concentrations and asthma severity (Gore et al). 2006;117:649-55
**Airway hyperresponsiveness**
Deep inhalation bronchoprotection in asthma: Correlation with airway responsiveness (Cockcroft and Davis). 2006;117:951-2 (Letters to the editor)
Estrogen receptor 1 polymorphisms are associated with airway hyperresponsiveness and lung function decline, particularly in female subjects with asthma (Dijkstra et al). 2006;117:604-11
Exposure to the fish parasite *Anisakis* causes allergic airway hyperreactivity and dermatitis (Nieuwenhuizen et al). 2006;117:1098-1105
*GPR154* implicated in airway hyperresponsiveness (Leung et al). 2006;117:486 (The editors' choice)
G protein–coupled receptor 154 gene polymorphism is associated with airway hyperresponsiveness to methacholine in a Chinese population (Feng et al). 2006;117:612-7
Mycoplasma in severe asthma (Kraft and Hamid). 2006;117:1197-8 (Images in allergy and immunology)
Neurotrophins and asthma: Novel insight into neuroimmune interaction (Nockher and Renz). 2006;117:67-71 (Review)
Reduced airway hyperresponsiveness and tracheal responses during allergic asthma in mice lacking tyrosine kinase inducible T-cell kinase (Ferrara et al). 2006;117:780-6
Safety of methacholine challenges in a multicenter pediatric asthma study (Covar et al). 2006;117:709-11 (Letters to the editor)
Understanding the pathophysiology of severe asthma to generate new therapeutic opportunities (Holgate et al). 2006;117:496-506 (Review)
**Airway inflammation**
Airway epithelial cells produce neurotrophins and promote the survival of eosinophils during allergic airway inflammation (Hahn et al). 2006;117:787-94
Airway inflammation in occupational asthma caused by styrene (Fernández-Nieto et al). 2006;117:948-50 (Letters to the editor)
Anti-IgE: lessons learned from effects on airway inflammation and asthma exacerbation (Fahy). 2006;117:1230-2 (Review)
Cyclophosphamide augments inflammation by reducing immunosuppression in a mouse model of allergic airway disease (Su et al). 2006;117:635-41
Effects of ultrafine carbon particle inhalation on allergic inflammation of the lung (Alessandrini et al). 2006;117:824-30
Neurotrophins and asthma: Novel insight into neuroimmune interaction (Nockher and Renz). 2006;117:67-71 (Review)
The nose: a target for fine particles in asthmatic children (Leung et al). 2006;117:1202 (The editors' choice)
Obesity and airway inflammation in asthma (Barros et al). 2006;117:1501-2 (Letters to the editor)
Problems with using exhaled nitric oxide to guide asthma treatment (Hargreave and Parameswaran). 2006;117:1511 (Correspondence); (Taylor). 2006;117:1511-2 (Letter reply)
Reduced airway hyperresponsiveness and tracheal responses during allergic asthma in mice lacking tyrosine kinase inducible T-cell kinase (Ferrara et al). 2006;117:780-6
**Airway remodeling**
Activin A is an acute allergen-responsive cytokine and provides a link to TGF-β-mediated airway remodeling in asthma (Karagiannidis et al). 2006;117:111-8
Advances in adult and pediatric asthma (Apter and Szefler). 2006;117:512-8 (Review)
Airway distribution of MMP-9 and TIMP-1 might contribute to remodeling (Leung et al). 2006;117:486 (The editors' choice)
The CC chemokine eotaxin/CCL11 has a selective profibrogenic effect on human lung fibroblasts (Puxeddu et al). 2006;117:103-10
*Chlamydia pneumoniae* and airway remodeling (Hahn). 2006;117:1193 (Correspondence)
*Chlamydia pneumoniae* and airway remodeling (Karjalainen and Pasternack). 2006;117:1193-4 (Letter reply)
Connective tissue growth factor might play a role in airway remodeling in asthma (Zweiman and Rothenberg). 2006;117:1199 (Beyond our pages)
The difference between groups and individuals (de Blic et al). 2006;117:955 (Letter reply); (Saglani et al). 2006;117:955 (Correspondence)
Immunostimulatory DNA inhibits allergen-induced peribronchial angiogenesis in mice (Lee et al). 2006;117:597-603
Remodeling associated expression of matrix metalloproteinase 9 but not tissue inhibitor of metalloproteinase 1 in airway epithelium: Modulation by immunostimulatory DNA (Cho et al). 2006;117:618-25
Severe asthma (Foley and Hamid). 2006;117:714-7 (Images in allergy and immunology)

Understanding the pathophysiology of severe asthma to generate new therapeutic opportunities (Holgate et al). 2006;117:496-506 (Review)

**Albuterol**

Helium/oxygen-driven albuterol nebulization in the treatment of asthma exacerbations in children (Zweiman and Rothenberg). 2006;117:230 (Beyond our pages)

Lung deposition and bronchodilator response as a function of $\beta_2$-agonist particle size (Zweiman and Rothenberg). 2006;117:229 (Beyond our pages)

Response to inhaled albuterol during nocturnal asthma (Hendeles et al) (2004;113:1058-62). Correction 2006;117:773

**Allergens;** *see also specific allergens*

Advances in upper airway diseases and allergen immunotherapy (Nelson). 2006;117:1047-53 (Review)

Bla g 6: a troponin C allergen from *Blattella germanica* with IgE binding calcium dependence (Hindley et al). 2006;117:1389-95

Cabbage lipid transfer protein Bra o 3 is a major allergen responsible for cross-reactivity between plant foods and pollens (Palacin et al). 2006;117:1423-9

Daily home measurements of exhaled nitric oxide in asthmatic children during natural birch pollen exposure (Vahlkvist et al). 2006;117:1272-6

Dose-response to grass pollen extract immunotherapy (Leung et al). 2006;117:232 (The editors' choice)

Efficacy and safety of specific immunotherapy with SQ allergen extract in treatment-resistant seasonal allergic rhinoconjunctivitis (Frew et al). 2006;117:319-25

Epithelial shedding is associated with nasal reactions to cold, dry air (Cruz et al). 2006;117:1351-8

A genome-wide search for quantitative trait loci contributing to variation in seasonal pollen reactivity (Blumenthal et al). 2006;117:79-85

Grass pollen immunotherapy as an effective therapy for childhood seasonal allergic asthma (Roberts et al). 2006;117:263-8

Immunostimulatory DNA inhibits allergen-induced peribronchial angiogenesis in mice (Lee et al). 2006;117:597-603

Intranasal air sampling in homes: Relationships among reservoir allergen concentrations and asthma severity (Gore et al). 2006;117:649-55

*In vivo* assessment with prick-to-prick testing and double-blind, placebo-controlled food challenge of allergenicity of apple cultivars (Bolhaar et al) (2005;116:1080-6). Correction 2006;117:189

IPEADAM study: Indoor endotoxin exposure, family status, and some housing characteristics in English children (Tavernier et al). 2006;117:656-62

Low zone tolerance induced by systemic application of allergens inhibits $T_C1$-mediated skin inflammation (Seidel-Guyenot et al). 2006;117:1170-7

Molecular cloning and expression in insect cells of honeybee venom allergen acid phosphatase (Api m 3) (Grunwald et al). 2006;117:848-54

Napins, 2S albumins, are major allergens in oilseed rape and turnip rape (Puumalainen et al). 2006;117:426-32

Pollen allergens are restricted to few protein families and show distinct patterns of species distribution (Radauer and Breiteneder). 2006;117:141-7

Prophylactic and therapeutic intervention in IgE responses by biolistic DNA vaccination primarily targeting dendritic cells (Sudowe et al). 2006;117:196-203

Prostate-specific antigen as allergen in human seminal plasma allergy (Weidinger et al). 2006;117:213-5 (Letters to the editor)

Spatial clustering of the IgE epitopes on the major timothy grass pollen allergen Phl p 1: importance for allergenic activity (Flicker et al). 2006;117:1336-43

Sublingual immunotherapy: a comprehensive review (Cox et al). 2006;117:1021-35 (Task Force Report)

Sublingual immunotherapy with once-daily grass allergen tablets: A randomized controlled trial in seasonal allergic rhinoconjunctivitis (Durham et al). 2006;117:802-9

Wheat allergy: a double-blind, placebo-controlled study in adults (Scibilia et al). 2006;117:433-9

Wheat and maize thioredoxins: A novel cross-reactive cereal allergen family related to baker's asthma (Weichel et al). 2006;117:676-81

**Allergic rhinitis;** *see* Rhinitis, allergic

**Allergies;** *see also* Egg hypersensitivity; Food hypersensitivity; Hypersensitivity, immediate; Ragweed allergy

Abrogation of allergic reactions by a bispecific antibody fragment linking IgE to CD300a (Bachelet et al). 2006;117:1314-20

Activin A is an acute allergen-responsive cytokine and provides a link to TGF-β-mediated airway remodeling in asthma (Karagiannidis et al). 2006;117:111-8

Advances in environmental and occupational disorders (Bush and Peden). 2006;117:1367-73 (Review)

Airway epithelial cells produce neurotrophins and promote the survival of eosinophils during allergic airway inflammation (Hahn et al). 2006;117:787-94

Allergic disease and sensitization in Steiner school children (Flöistrup et al). 2006;117:59-66

Allergic reactions to insect stings: results from a national survey of 10,000 junior high school children in Israel (Graif et al). 2006;117:1435-9

Allergy: The price paid for longevity and social wealth? (Gold). 2006;117:148-50 (Editorial)

Anthroposophic parents, frequency of medical visits, and choice of physicians (Flöistrup et al). 2006;117:1510-1 (Letter reply)

Anthroposophic parents, frequency of medical visits, and choice of physicians (Freitag). 2006;117:1510 (Correspondence)
Antigen selection in the IgE response of allergic and nonallergic individuals (Dahlke et al). 2006;117: 1477-83
"Black box" warning: Wake-up call or overreaction? (Szefler et al). 2006;117:26-9 (Editorial)
Breast milk fatty acids and allergic disease in preschool children: The Prevention and Incidence of Asthma and Mite Allergy birth cohort study (Wijga et al). 2006;117:440-7
Consultation and referral guidelines citing the evidence: How the allergist-immunologist can help (Schatz and Leung). 2006;117:S495-S523
Cortisol circadian rhythms and stress responses in infants at risk of allergic disease (Ball et al). 2006;117:306-11
CPT coding for the allergist (Gross). 2006;117:257-8 (Editorial)
Cyclophosphamide augments inflammation by reducing immunosuppression in a mouse model of allergic airway disease (Su et al). 2006;117: 635-41
Dissecting the effect of farm exposure on allergy (Leung et al). 2006;117:1202 (The editors' choice)
Double-blind, placebo-controlled study with a modified therapeutic vaccine of *Salsola kali* (Russian thistle) administered through use of a cluster schedule (Colás et al). 2006;117:810-6
Effect of omalizumab treatment on peripheral eosinophil and T-lymphocyte function in patients with allergic asthma (Noga et al). 2006;117:1493-9
Effects of ultrafine carbon particle inhalation on allergic inflammation of the lung (Alessandrini et al). 2006;117:824-30
The Faustian bargain of genetic association studies: bigger might not be better, or at least it might not be good enough (Vercelli and Martinez). 2006;117: 1303-5 (Editorial)
Ghrelin and leptin: A link between obesity and allergy? (Matsuda et al). 2006;117:705-6 (Letters to the editor)
How about those basophils! (Zweiman and Rothenberg). 2006;117:966 (Beyond our pages)
Immunotherapy mechanism (Zweiman and Rothenberg). 2006;117:1517 (Beyond our pages)
The many faces of the hygiene hypothesis (Schaub et al). 2006;117:969-77 (Review)
Mast cell biology in evolution (Metcalfe and Boyce). 2006;117:1227-9 (Editorial)
Maternal allergy and day care impact infants' cortisol stress response (Leung et al). 2006;117:231 (The editors' choice)
Molecular regulation of mast cell activation (Rivera and Gilfillan). 2006;117:1214-25 (Review)
Neurotrophins in allergic diseases: From neuronal growth factors to intercellular signaling molecules (Nockher and Renz). 2006;117:583-9
Not all worms prevent allergies (Leung et al). 2006;117:968 (The editors' choice)
Position paper: the medical effects of mold exposure (Bush et al) 2006;117:326-34. Correction 2006;117:1373
Prostate-specific antigen as allergen in human seminal plasma allergy (Weidinger et al). 2006;117:213-5 (Letters to the editor)
Renaissance of the hygiene hypothesis (Liu and Leung). 2006;117:1063-6 (Editorial)
Role of CCL21 and CCL19 in allergic inflammation in the ovalbumin-specific murine asthmatic model (Yamashita et al). 2006;117:1040-6
Scratching the surface: Do genes for allergic response lead to asthma? (Leung et al). 2006;117:1 (The editors' choice)
*Staphylococcus aureus* enterotoxin B enhances allergic responses (Leung et al). 2006;117:968 (The editors' choice)
Subject and insect variables affect outcome of *Hymenoptera* stings (Leung et al). 2006;117:485 (The editors' choice)
Update on the role of prostaglandins in allergic lung inflammation: separating friends from foes, harder than you might think (Moore and Peebles). 2006;117:1036-9 (Review)
Which aspects of the farming lifestyle explain the inverse association with childhood allergy? (Perkin and Strachan). 2006;117:1374-81

**Alpha-smooth muscle actin;** *see* Actins

***Alternaria***

*Alternaria alternata* antigens in US homes (Dreborg). 2006;117:474 (Letter reply); Salo et al). 2006;117: 473 (Correspondence)

**Alternative medicine;** *see* Complementary therapies

**Analgesics, non-narcotic**

Allergic disease and sensitization in Steiner school children (Flöistrup et al). 2006;117: 59-66

**Anaphylaxis**

Anaphylactic reaction and antibodies to DX-88 (kallikrein inhibitor) in a patient with hereditary angioedema (Beck and Baird). 2006;117:477 (Letter reply)
Anaphylactic reaction and antibodies to DX-88 (kallikrein inhibitor) in a patient with hereditary angioedema (Caballero and López-Serrano). 2006;117:476-7 (Correspondence)
Anaphylaxis, killer allergy: Long-term management in the community (Simons). 2006;117:367-77 (Review)
Anaphylaxis and American Academy of Allergy, Asthma, and Immunology (Lieberman et al). 2006;117:478-82 (The allergy archives)
Bites of the European pigeon tick *(Argas reflexus):* Risk of IgE-mediated sensitizations and anaphylactic reactions (Kleine-Tebbe et al). 2006;117:190-5

Clinical and entomological factors influence the outcome of sting challenge studies (Golden et al). 2006;117:670-5
Evaluation of near-fatal reactions to allergen immunotherapy injections (Amin et al). 2006;117: 169-75
Ortho-phthalaldehyde-induced anaphylaxis after laryngoscopy (Suzukawa et al). 2006;117:1500-1 (Letters to the editor)
Prolonged elevation of serum tryptase in idiopathic anaphylaxis (Shanmugam et al). 2006;117:950-1 (Letters to the editor)
A second dose of epinephrine for anaphylaxis: How often needed and how to carry (Kelso). 2006;117: 464-5 (Letters to the editor)
Second symposium on the definition and management of anaphylaxis: Summary report—Second National Institute of Allergy and Infectious Disease/Food Allergy and Anaphylaxis Network symposium (Sampson et al). 2006;117: 391-7
Sublingual epinephrine tablets versus intramuscular injection of epinephrine: Dose equivalence for potential treatment of anaphylaxis (Rawas-Qalaji et al). 2006;117:398-403
Successful treatment of cold-induced urticaria/anaphylaxis with anti-IgE (Boyce). 2006;117:1415-8 (Case study)
Tryptase genetics and anaphylaxis (Caughey). 2006;117:1411-4
Two cases of anaphylaxis caused by perilla seed (Jeong). 2006;117:1505-6 (Letters to the editor)

**Angioedema**
Anaphylactic reaction and antibodies to DX-88 (kallikrein inhibitor) in a patient with hereditary angioedema (Beck and Baird). 2006;117:477 (Letter reply)
Anaphylactic reaction and antibodies to DX-88 (kallikrein inhibitor) in a patient with hereditary angioedema (Caballero and López-Serrano). 2006;117:476-7 (Correspondence)
Self-administration of C1-inhibitor concentrate in patients with hereditary or acquired angioedema caused by C1-inhibitor deficiency (Levi et al). 2006;117:904-8

**Angiogenesis**
Immunostimulatory DNA inhibits allergen-induced peribronchial angiogenesis in mice (Lee et al). 2006;117:597-603
Vascular endothelial growth factor-mediated induction of angiogenesis by human rhinoviruses (Psarras et al). 2006;117:291-7

***Anisakis***
Exposure to the fish parasite *Anisakis* causes allergic airway hyperreactivity and dermatitis (Nieuwenhuizen et al). 2006;117:1098-1105
Not all worms prevent allergies (Leung et al). 2006;117:968 (The editors' choice)

**Anthroposophy**
Allergic disease and sensitization in Steiner school children (Flöistrup et al). 2006;117: 59-66
Anthroposophic parents, frequency of medical visits, and choice of physicians (Flöistrup et al). 2006;117:1510-1 (Letter reply)
Anthroposophic parents, frequency of medical visits, and choice of physicians (Freitag). 2006;117:1510 (Correspondence)

**Antibiotics;** *see also specific antibiotics*
Allergic disease and sensitization in Steiner school children (Flöistrup et al). 2006;117:59-66
Macrolide antibiotics and asthma treatment (Johnston). 2006;117:1233-6 (Review)

**Antibodies, anti-idiotypic**
Anti-IgE as an adjunct to allergen immunotherapy (Leung et al). 2006;117:2 (The editors' choice)

**Antibodies, bispecific**
Abrogation of allergic reactions by a bispecific antibody fragment linking IgE to CD300a (Bachelet et al). 2006;117:1314-20

**Antigen-presenting cells;** *see also* Dendritic cells
Toll-like receptor function and signaling (Kaisho et al). 2006;117:979-87 (Review)

**Antigens**
Antigen selection in the IgE response of allergic and nonallergic individuals (Dahlke et al). 2006;117: 1477-83
Food antigen causes $T_H2$-dependent enteropathy followed by tissue repair in T-cell receptor transgenic mice (Nakajima-Adachi et al). 2006;117:1125-32

**Antigens, CD**
Abrogation of allergic reactions by a bispecific antibody fragment linking IgE to CD300a (Bachelet et al). 2006;117:1314-20
Chronic urticaria sera increase basophil CD203c expression (Yasnowsky et al). 2006;117: 1430-34
Recognition of pollen-derived phosphatidylethanolamine by human CD1d-restricted γδ T cells (Russano et al). 2006;117:1178-84

**Antigens, Dermatophagoides**
Der p 1 peptide on virus-like particles is safe and highly immunogenic in healthy adults (Kündig et al). 2006;117:1470-76
Fully active Der p 1 uncovered (Leung et al). 2006;117:485 (The editors' choice)
Three-dimensional structure and IgE-binding properties of mature fully active Der p 1, a clinically relevant major allergen (de Halleux et al). 2006;117:571-6

**Antigens, fungal**
*Alternaria alternata* antigens in US homes (Dreborg). 2006;117:474 (Letter reply)
*Alternaria alternata* antigens in US homes (Salo et al). 2006;117:473 (Correspondence)

**Anti-inflammatory agents, non-steroidal**
Parecoxib tolerability in patients with hypersensitivity to nonsteroidal antiinflammatory drugs (Viola et al). 2006;117:1189-90 (Letters to the editor)
**Antimicrobial cationic peptides**
The antimicrobial peptide LL-37 enhances IL-8 release by human airway smooth muscle cells (Zuyderduyn et al). 2006;117:1328-35
LL-37: peptide antibiotics and airway smooth muscle (Leung et al). 2006;117:1202 (The editors' choice)
**Antioxidants**
Nutritional supplements and pediatric upper respiratory tract illnesses (Devereux and Seaton). 2006;117:954 (Letter reply)
Nutritional supplements and pediatric upper respiratory tract illnesses (Linday). 2006;117: 953-4 (Correspondence)
**Antipyretics;** *see* Analgesics, non-narcotic
**Antiretroviral therapy, highly active**
Association of $CD4^+$ T-lymphocyte counts and new thymic emigrants in HIV-infected children during successful highly active antiretroviral therapy (Saitoh et al). 2006;117:909-15
**Apoptosis**
Absence of T-regulatory cell expression and function in atopic dermatitis skin (Verhagen et al). 2006;117:176-83
***Argas***
Bites of the European pigeon tick *(Argas reflexus):* Risk of IgE-mediated sensitizations and anaphylactic reactions (Kleine-Tebbe et al). 2006;117:190-5
**Arginase**
Genetic polymorphisms in arginase I and II and childhood asthma and atopy (Li et al). 2006;117: 119-26
**Aspirin**
Aspirin-sensitive rhinosinusitis is associated with reduced E-prostanoid 2 receptor expression on nasal mucosal inflammatory cells (Ying et al). 2006;117:312-8
Aspirin sensitivity: A deficiency of E-prostanoid 2 ($EP_2$) receptor signaling? (Leung et al). 2006;117: 232 (The editors' choice)
Asthma attacks induced by low doses of celecoxib, aspirin, and acetaminophen (Baldassarre et al). 2006;117:215-7 (Letters to the editor)
Plasma levels of complement C3a and C4a components increased in patients with aspirin-induced asthma (Zweiman and Rothenberg). 2006;117:718 (Beyond our pages)
**Asthma**
Activin A is an acute allergen-responsive cytokine and provides a link to TGF-β-mediated airway remodeling in asthma (Karagiannidis et al). 2006;117:111-8
Advances in adult and pediatric asthma (Apter and Szefler). 2006;117:512-8 (Review)
Airway inflammation in occupational asthma caused by styrene (Fernández-Nieto et al). 2006;117: 948-50 (Letters to the editor)
Analysis of TGF-$\beta_1$ gene polymorphisms in Hong Kong Chinese patients with asthma (Mak et al). 2006;117:92-6
Anthroposophic parents, frequency of medical visits, and choice of physicians (Flöistrup et al). 2006;117:1510-1 (Letter reply)
Anthroposophic parents, frequency of medical visits, and choice of physicians (Freitag). 2006;117:1510 (Correspondence)
Anti-IgE: lessons learned from effects on airway inflammation and asthma exacerbation (Fahy). 2006;117:1230-2 (Review)
Anti-IgE as a mast cell-stabilizing therapeutic agent (Chang and Shiung). 2006;117:1203-12 (Review)
Applying epidemiologic concepts of primary, secondary, and tertiary prevention to the elimination of racial disparities in asthma (Joseph et al). 2006;117:233-40 (Review)
Are atopy and specific IgE to mites and molds important for adult asthma? (Jaakkola et al). 2006;117:642-8
Are phosphodiesterase 4 inhibitors just more theophylline? (Boswell-Smith et al). 2006;117: 1237-1243 (Review)
ARIA update: I—systematic review of complementary and alternative medicine for rhinitis and asthma (Passalacqua et al). 2006;117: 1054-62 (Review)
Association between genetic variations of vascular endothelial growth factor receptor 2 and atopy in the Korean population (Park et al). 2006;117:774-9
Association of asthma with a functional promoter polymorphism in the *IL16* gene (Burkart et al). 2006;117:86-91
Asthma attacks induced by low doses of celecoxib, aspirin, and acetaminophen (Baldassarre et al). 2006;117:215-7 (Letters to the editor)
Asthma control can be maintained when fluticasone propionate/salmeterol in a single inhaler is stepped down (Bateman et al). 2006;117:563-70
Asthma Control Test: Reliability, validity, and responsiveness in patients not previously followed by asthma specialists (Schatz et al). 2006;117: 549-56
Atopic disease and breast-feeding—cause or consequence? (Lowe et al). 2006;117:682-7
Attaining optimal asthma control: a practice parameter (Li et al) (2005;116:S3-11). Correction 2006;117: 262
$\beta_2$-Adrenergic receptor polymorphism in asthma: Prospective versus retrospective perspective (Contopoulos-Ioannidis and Ioannidis). 2006;117: 222-3 (Letter reply)
$\beta_2$-Adrenergic receptor polymorphism in asthma: Prospective versus retrospective perspective (Lee et al). 2006;117:222 (Correspondence)

Bronchial challenges in athletes applying to inhale a $\beta_2$-agonist at the 2004 Summer Olympics (Anderson et al). 2006;117:767-73

The bronchoprotective effect of inhaling methacholine by using total lung capacity inspirations has a marked influence on the interpretation of the test result (Cockcroft and Davis). 2006;117:1244-8 (Rostrum)

The CC chemokine eotaxin/CCL11 has a selective profibrogenic effect on human lung fibroblasts (Puxeddu et al). 2006;117:103-10

$CD8^+$ T lymphocytes and leukotriene $B_4$: Novel interactions in the persistence and progression of asthma (Gelfand and Dakhama). 2006;117:577-82 (Rostrum)

Chitin (Zweiman and Rothenberg). 2006;117:1517 (Beyond our pages)

*Chlamydia pneumoniae* and airway remodeling (Hahn). 2006;117:1193 (Correspondence)

*Chlamydia pneumoniae* and airway remodeling (Karjalainen and Pasternack). 2006;117:1193-4 (Letter reply)

Ciclesonide inhalation aerosol for persistent asthma (Chowdhury). 2006;117:1194 (Correspondence)

Ciclesonide inhalation aerosol for persistent asthma (Pearlman et al). 2006;117:1195-6 (Letter reply)

Connective tissue growth factor might play a role in airway remodeling in asthma (Zweiman and Rothenberg). 2006;117:1199 (Beyond our pages)

Cortisol circadian rhythms and stress responses in infants at risk of allergic disease (Ball et al). 2006;117:306-11

Cost-effectiveness of inhaled steroids in asthma: Impact of effect on bone mineral density (Fuhlbrigge et al). 2006;117:359-66

Cyclophosphamide augments inflammation by reducing immunosuppression in a mouse model of allergic airway disease (Su et al). 2006;117:635-41

Deep inhalation bronchoprotection in asthma: Correlation with airway responsiveness (Cockcroft and Davis). 2006;117:951-2 (Letters to the editor)

Determinants of bronchodilator responsiveness (Leung et al). 2006;117:1201 (The editors' choice)

Disconnection of man and the soil: Reason for the asthma and atopy epidemic? (von Hertzen and Haahtela). 2006;117:334-44 (Review)

Does early indoor microbial exposure reduce the risk of asthma? The prevention and incidence of asthma and mite allergy birth cohort study (Douwes et al). 2006;117:1067-73

Does regional lung deposition of inhaled β-agonists determine bronchodilator responses? (Zweiman and Rothenberg). 2006;117:965 (Beyond our pages)

Does treatment of GERD improve moderate to severe asthma? (Zweiman and Rothenberg). 2006;117:1516 (Beyond our pages)

Early-life exposure to fungi and development of asthma (Leung et al). 2006;117:968 (The editors' choice)

Effect of ciclesonide dose and duration of therapy on exercise-induced bronchoconstriction in patients with asthma (Subbarao et al). 2006;117:1008-13

Effect of genotype on responses to enantiomers and the significance of the eudismic analysis in asthma research (Ameredes and Panettieri). 2006;117:712-3 (Letter reply)

Effect of genotype on responses to enantiomers and the significance of the eudismic analysis in asthma research (Jalba). 2006;117:712 (Correspondence)

Effect of omalizumab treatment on peripheral eosinophil and T-lymphocyte function in patients with allergic asthma (Noga et al). 2006;117:1493-9

Effects of ultrafine carbon particle inhalation on allergic inflammation of the lung (Alessandrini et al). 2006;117:824-30

Endotoxin exposure as a risk factor for asthma (Zweiman and Rothenberg). 2006;117:965 (Beyond our pages)

Eosinophil $\beta_1$ integrin activation state correlates with asthma activity in a blind study of inhaled corticosteroid withdrawal (Johansson et al). 2006;117:1502-4 (Letters to the editor)

Eosinophilic bronchitis in asthma: a model for establishing dose-response and relative potency of inhaled corticosteroids (Kelly et al). 2006;117:989-94

Estrogen receptor 1 polymorphisms are associated with airway hyperresponsiveness and lung function decline, particularly in female subjects with asthma (Dijkstra et al). 2006;117:604-11

Etanercept—an effective treatment in refractory asthma? (Zweiman and Rothenberg). 2006;117:1516-7 (Beyond our pages)

Ethics of placebos in clinical asthma trials (Coffey and Ross). 2006;117:470 (Correspondence)

Ethics of placebos in clinical asthma trials (Onder). 2006;117:470-1 (Letter reply)

Evaluation of near-fatal reactions to allergen immunotherapy injections (Amin et al). 2006;117:169-75

The Faustian bargain of genetic association studies: bigger might not be better, or at least it might not be good enough (Vercelli and Martinez). 2006;117:1303-5 (Editorial)

Genetic epidemiology of health disparities in allergy and clinical immunology (Barnes). 2006;117:243-54 (Review)

Genetics on the pathway to asthma and allergy (Leung et al). 2006;117:232 (The editors' choice)

A genome-wide search for quantitative trait loci contributing to variation in seasonal pollen reactivity (Blumenthal et al). 2006;117:79-85

Gob-5 knockout mice (Zweiman and Rothenberg). 2006;117:719 (Beyond our pages)

Hierarchical suppression of asthma-like responses by mucosal tolerance (Keller et al). 2006;117:283-90

A historical perspective of the New Zealand asthma mortality epidemics (Beasley). 2006;117:225-8 (The allergy archives)

House dust extracts have both $T_H2$ adjuvant and tolerogenic activities (Ng et al). 2006;117:1074-81

IL-17E upregulates the expression of proinflammatory cytokines in lung fibroblasts (Létuvé et al). 2006;117:590-6

IL-17F sequence variant (His161Arg) is associated with protection against asthma and antagonizes wild-type IL-17F activity (Kawaguchi et al). 2006;117:795-801

Increased glucocorticoid receptor–β expression, but not decreased histone deacetylase 2, in severe asthma (Bergeron et al). 2006;117:703-5 (Letters to the editor)

Indoor endotoxin reflects only significant difference between environment in asthma and nonasthma houses in UK study (Leung et al). 2006;117:486 (The editors' choice)

Inflammatory response of the airway to inhaled endotoxin correlates with body mass index in atopic patients with asthma but not in normal volunteers (Alexis and Peden). 2006;117:1185-6 (Letters to the editor)

The influence of health disparities on individual patient outcomes: What is the link between genes and environment? (Apter). 2006;117:345-50 (Editorial)

Influence of patients' characteristics and disease management on asthma control (Laforest et al). 2006;117:1404-10

Intranasal air sampling in homes: Relationships among reservoir allergen concentrations and asthma severity (Gore et al). 2006;117:649-55

Is occupational asthma to diisocyanates a non–IgE-mediated disease? (Jones et al). 2006;117:663-9

Is there a problem with inhaled long-acting β-adrenergic agonists? (Nelson). 2006;117:3-16 (Review)

Leukotriene pathways and the variation in clinical response to montelukast in asthmatic patients (Zweiman and Rothenberg). 2006;117:1516 (Beyond our pages)

Macrolide antibiotics and asthma treatment (Johnston). 2006;117:1233-6 (Review)

Managing severe asthma (Wenzel and Szefler). 2006;117:508-11 (Editorial)

The many faces of the hygiene hypothesis (Schaub et al). 2006;117:969-77 (Review)

Mast cell biology in evolution (Metcalfe and Boyce). 2006;117:1227-9 (Editorial)

Mast cells regulates procollagen I ($\alpha_1$) production by bronchial fibroblasts derived from subjects with asthma through IL-4/IL-4δ2 ratio (Plante et al). 2006;117:1321-7

Mycoplasma in severe asthma (Kraft and Hamid). 2006;117:1197-8 (Images in allergy and immunology)

The natural history of adult asthma (Leung et al). 2006;117:1201 (The editors' choice)

Nervous eosinophils (Zweiman and Rothenberg). 2006;117:965-6 (Beyond our pages)

Neurotrophins and asthma: Novel insight into neuroimmune interaction (Nockher and Renz). 2006;117:67-71 (Review)

Nitric oxide as a clinical guide for asthma management (Taylor). 2006;117:259-62 (Review)

Obesity and airway inflammation in asthma (Barros et al). 2006;117:1501-2 (Letters to the editor)

Plasma levels of complement C3a and C4a components increased in patients with aspirin-induced asthma (Zweiman and Rothenberg). 2006;117:718 (Beyond our pages)

Position paper: the medical effects of mold exposure (Bush et al) 2006;117:326-34. Correction 2006;117:1373

Predictors of asthma-related health care utilization and quality of life among inner-city patients with asthma (Leung et al) 2005;116:636-42. Correction 2006;117:1140

*Primum non nocere* and "black box" warnings (Pearlman). 2006;117:30-1 (Editorial)

Problems with using exhaled nitric oxide to guide asthma treatment (Hargreave and Parameswaran). 2006;117:1511 (Correspondence)

Problems with using exhaled nitric oxide to guide asthma treatment (Taylor). 2006;117:1511-2 (Letter reply)

Prognostic factors of asthma severity: a 9-year international prospective cohort study (Marco et al). 2006;117:1249-56

Reduced airway hyperresponsiveness and tracheal responses during allergic asthma in mice lacking tyrosine kinase inducible T-cell kinase (Ferrara et al). 2006;117:780-6

Renaissance of the hygiene hypothesis (Liu and Leung). 2006;117:1063-6 (Editorial)

Response to inhaled albuterol during nocturnal asthma (Hendeles et al) (2004;113:1058-62). Correction 2006;117:773

Reversing a defect in glucocorticoid-resistant asthma patients (Zweiman and Rothenberg). 2006;117:719 (Beyond our pages)

Role of CCL21 and CCL19 in allergic inflammation in the ovalbumin-specific murine asthmatic model (Yamashita et al). 2006;117:1040-6

The role of the mast cell in the pathophysiology of asthma (Bradding et al). 2006;117:1277-84 (Review)

Scratching the surface: Do genes for allergic response lead to asthma? (Leung et al). 2006;117:1 (The editors' choice)

Severe asthma (Foley and Hamid). 2006;117:714-7 (Images in allergy and immunology)

Severe asthma: an overview (Moore and Peters). 2006;117:487-494 (Review)
Severity, control, and responsiveness in asthma (Stoloff and Boushey). 2006;117:544-8 (Rostrum)
Severity and control of severe asthma (Bateman). 2006;117:519-21 (Editorial)
Severity and impairment of allergic rhinitis in patients consulting in primary care (Bousquet et al). 2006;117:158-62
Sex hormones matter for asthma and wheeze in women (Leung et al). 2006;117:967 (The editors' choice)
Stepping down therapy in the well-controlled asthma patient (Leung et al). 2006;117:485 (The editors' choice)
Sublingual immunotherapy: a comprehensive review (Cox et al). 2006;117:1021-35 (Task Force Report)
Understanding the pathophysiology of severe asthma to generate new therapeutic opportunities (Holgate et al). 2006;117:496-506 (Review)
Update on glucocorticoid action and resistance (Ito et al). 2006;117:522-43 (Review)
The use of intravenous immunoglobulin in human disease: A review of evidence by members of the Primary Immunodeficiency Committee of the American Academy of Allergy, Asthma, and Immunology (Orange et al). 2006;117:S525-53
The use of magnesium sulfate in acute asthma: Rapid uptake of evidence in North American emergency departments (Rowe and Camargo). 2006;117:53-8
Using pharmacy β-agonist dispensing data to assess asthma control (Leung et al). 2006;117:967 (The editors' choice)
Validation of a β-agonist long-term asthma control scale derived from computerized pharmacy data (Schatz et al). 2006;117:995-1000
Validation of a mouse model of chemical-induced asthma using trimellitic anhydride, a respiratory sensitizer, and dinitrochlorobenzene, a dermal sensitizer (Vanoirbeek et al). 2006;117:1090-7
Vascular endothelial growth factor-mediated induction of angiogenesis by human rhinoviruses (Psarras et al). 2006;117:291-7
Vitamins for steroid-resistant asthma (Zweiman and Rothenberg). 2006;117:1200 (Beyond our pages)
Wheat and maize thioredoxins: A novel cross-reactive cereal allergen family related to baker's asthma (Weichel et al). 2006;117:676-81
The widening black/white gap in asthma hospitalizations and mortality (Gupta et al). 2006;117:351-8

**Asthma, pediatric**

Advances in adult and pediatric asthma (Apter and Szefler). 2006;117:512-8 (Review)
Allergic disease and sensitization in Steiner school children (Flöistrup et al). 2006;117:59-66
Asthma and behavior problems in childhood (Zweiman and Rothenberg). 2006;117:1516 (Beyond our pages)
Asthma in extremely low–birth-weight children (Zweiman and Rothenberg). 2006;117:229 (Beyond our pages)
Confounding effect of atopy on functional effects of the CD14/-159 promoter polymorphism (Böttcher et al). 2006;117:220 (Letter reply)
Body mass index in children receiving inhaled corticosteroid therapy (Zweiman and Rothenberg). 2006;117:483 (Beyond our pages)
Breast milk fatty acids and allergic disease in preschool children: The Prevention and Incidence of Asthma and Mite Allergy birth cohort study (Wijga et al). 2006;117:440-7
Bronchial obstruction: A limited, out-of-fashion approach to measure treatment efficacy in childhood asthma? (Silvestri et al). 2006;117:474-5 (Correspondence)
Bronchial obstruction: A limited, out-of-fashion approach to measure treatment efficacy in childhood asthma? (Szefler). 2006;117:475-6 (Letter reply)
Bronchodilation and bronchoconstriction: predictors of future lung function in childhood asthma (Tantisira et al). 2006;117:1264-71
Bronchodilator responses in Chinese children from asthma index families and the general population (Kumar et al). 2006;117:1257-63
Confounding effect of atopy on functional effects of the CD14/-159 promoter polymorphism (Reijmerink et al). 2006;117:219 (Correspondence)
Cost-effectiveness of home-based interventions should also take into account nonrespiratory indoor health hazards (Charpin). 2006;117:953 (Correspondence)
Cost-effectiveness of home-based interventions should also take into account nonrespiratory indoor health hazards (Kattan et al). 2006;117:953 (Letter reply)
Daily home measurements of exhaled nitric oxide in asthmatic children during natural birch pollen exposure (Vahlkvist et al). 2006;117:1272-6
The difference between groups and individuals (de Blic et al). 2006;117:955 (Letter reply)
The difference between groups and individuals (Saglani et al). 2006;117:955 (Correspondence)
Endogenous and exogenous sex steroid hormones and asthma and wheeze in young women (Salam et al). 2006;117:1001-7
Enhanced frequency of immunoregulatory invariant natural killer T cells in the airways of children with asthma (Pham-Thi et al). 2006;117:217-8 (Letters to the editor)
Eotaxin polymorphisms and serum total IgE levels in children with asthma (Raby et al). 2006;117:298-305
Gene-gene interactions for asthma and plasma total IgE concentration in Chinese children (Chan et al). 2006;117:127-33

Genetic polymorphisms in arginase I and II and childhood asthma and atopy (Li et al). 2006;117: 119-26
Grass pollen immunotherapy as an effective therapy for childhood seasonal allergic asthma (Roberts et al). 2006;117:263-8
Growing disparities in atopy between the Finns and the Russians: A comparison of 2 generations (von Hertzen et al). 2006;117:151-7
Helium/oxygen-driven albuterol nebulization in the treatment of asthma exacerbations in children (Zweiman and Rothenberg). 2006;117:230 (Beyond our pages)
Heterogeneity of childhood asthma among Hispanic children (Zweiman and Rothenberg). 2006;117: 1199 (Beyond our pages)
IL-4/IL-13 pathway genetics strongly influence serum IgE levels and childhood asthma (Kabesch et al). 2006;117:269-74
Indoor nitrogen dioxide exposure of asthmatic children (Zweiman and Rothenberg). 2006;117: 483 (Beyond our pages)
Infants and toddlers without asthma with eczema have elevated exhaled nitric oxide levels (Dinakar et al). 2006;117:212-3 (Letters to the editor)
Intra- and interindividual responses to fluticasone and montelukast in pediatric asthma (Leung et al). 2006;117:1 (The editors' choice)
IPEADAM study: Indoor endotoxin exposure, family status, and some housing characteristics in English children (Tavernier et al). 2006;117: 656-62
The leukotriene C4 synthase (A-444C) promoter polymorphism is associated with the severity of exercise-induced asthma in Korean children (Kim et al). 2006;117:1191-2 (Letters to the editor)
Maternal allergy and day care impact infants' cortisol stress response (Leung et al). 2006;117:231 (The editors' choice)
Nasal inflammation and personal exposure to fine particles (2.5 μm in diameter) in asthmatic children (Nikasinovic et al). 2006;117:1382-8
The nose: a target for fine particles in asthmatic children (Leung et al). 2006;117:1202 (The editors' choice)
Parental tobacco smoking is associated with augmented IL-13 secretion in children with allergic asthma (Feleszko et al). 2006;117:97-102
Patterns of intensive care treatment for severe acute asthma in children (Zweiman and Rothenberg). 2006;117:230 (Beyond our pages)
Prenatal farm exposure is related to the expression of receptors of the innate immunity and to atopic sensitization in school-age children (Ege et al). 2006;117:817-23
The prevalence of ibuprofen-sensitive asthma in children (Zweiman and Rothenberg). 2006;117: 229 (Beyond our pages)
Response profiles to fluticasone and montelukast in mild-to-moderate persistent childhood asthma (Zeiger et al). 2006;117:45-52
Safety of methacholine challenges in a multicenter pediatric asthma study (Covar et al). 2006;117: 709-11 (Letters to the editor)
The September epidemic of asthma hospitalization: School children as disease vectors (Johnston et al). 2006;117:557-62
Socioeconomic status and inflammatory processes in childhood asthma: the role of psychological stress (Chen et al). 2006;117:1014-20

**Athletes**

Bronchial challenges in athletes applying to inhale a $\beta_2$-agonist at the 2004 Summer Olympics (Anderson et al). 2006;117:767-73

**Atopic dermatitis;** *see* Dermatitis, atopic

**Atopy**

Analysis of TGF-$\beta_1$ gene polymorphisms in Hong Kong Chinese patients with asthma (Mak et al). 2006;117:92-6
Are atopy and specific IgE to mites and molds important for adult asthma? (Jaakkola et al). 2006;117:642-8
Association between genetic variations of vascular endothelial growth factor receptor 2 and atopy in the Korean population (Park et al). 2006;117:774-9
Association of *IL13* with total IgE: evidence against an inverse association of atopy and diabetes (Maier et al). 2006;117:1306-13
Atopic disease and breast-feeding—cause or consequence? (Lowe et al). 2006;117:682-7
Confounding effect of atopy on functional effects of the CD14/-159 promoter polymorphism (Böttcher et al). 2006;117:220 (Letter reply)
Confounding effect of atopy on functional effects of the CD14/-159 promoter polymorphism (Reijmerink et al). 2006;117:219 (Correspondence)
Disconnection of man and the soil: Reason for the asthma and atopy epidemic? (von Hertzen and Haahtela). 2006;117:334-44 (Review)
Does early indoor microbial exposure reduce the risk of asthma? The prevention and incidence of asthma and mite allergy birth cohort study (Douwes et al). 2006;117:1067-73
Genetic polymorphisms in arginase I and II and childhood asthma and atopy (Li et al). 2006;117: 119-26
Genetics on the pathway to asthma and allergy (Leung et al). 2006;117:232 (The editors' choice)
A genome-wide search for quantitative trait loci contributing to variation in seasonal pollen reactivity (Blumenthal et al). 2006;117:79-85
Growing disparities in atopy between the Finns and the Russians: A comparison of 2 generations (von Hertzen et al). 2006;117:151-7
IL-31 links T cells and itch in atopy (Leung et al). 2006;117:231 (The editors' choice)

Inflammatory response of the airway to inhaled endotoxin correlates with body mass index in atopic patients with asthma but not in normal volunteers (Alexis and Peden). 2006;117:1185-6 (Letters to the editor)
Prenatal farm exposure is related to the expression of receptors of the innate immunity and to atopic sensitization in school-age children (Ege et al). 2006;117:817-23
Systemic reactions during skin tests with β-lactams: A risk factor analysis (Co Minh et al). 2006;117: 466-7 (Letters to the editor)
Toll-like receptor ligands and atopy: a coin with at least two sides (Horner). 2006;117:1133-40
Which aspects of the farming lifestyle explain the inverse association with childhood allergy? (Perkin and Strachan). 2006;117:1374-81

**Autoimmune diseases**
The use of intravenous immunoglobulin in human disease: A review of evidence by members of the Primary Immunodeficiency Committee of the American Academy of Allergy, Asthma, and Immunology (Orange et al). 2006;117: S525-53

**Autoimmunity**
Aire out autoimmunity (Zweiman and Rothenberg). 2006;117:483-4 (Beyond our pages)

**B**

***Bacteroides fragilis***
Bug juice (Zweiman and Rothenberg). 2006;117:719 (Beyond our pages)

**Basophils**
Chronic urticaria sera increase basophil CD203c expression (Yasnowsky et al). 2006;117: 1430-34
How about those basophils! (Zweiman and Rothenberg). 2006;117:966 (Beyond our pages)
Identification of basophils by a mAb directed against pro–major basic protein 1 (Plager et al). 2006;117: 626-34
Mast cells: ontogeny, homing and recruitment of a unique innate effector cell (Gurish and Boyce). 2006;117:1285-91 (Rostrum)
Tryptase genetics and anaphylaxis (Caughey). 2006;117:1411-4

**Bedbugs**
Bedbug bites masquerading as urticaria (Scarupa and Economides). 2006;117:1508-9 (Letters to the editor)

**Bee ven**
oms
Molecular cloning and expression in insect cells of honeybee venom allergen acid phosphatase (Api m 3) (Grunwald et al). 2006;117:848-54

**Benzylpenicillin;** *see* Penicillin G

**Beta-adrenergic agonists;** *see* Adrenergic beta-agonists

**Beta-adrenergic receptor agonists;** *see* Adrenergic beta-agonists

**Beta-adrenergic receptors;** *see* Receptors, adrenergic, beta

**Beta-galactosidase**
Prophylactic and therapeutic intervention in IgE responses by biolistic DNA vaccination primarily targeting dendritic cells (Sudowe et al). 2006;117: 196-203

**Beta-lactams**
The contribution of major and minor determinants from benzylpenicillin to the diagnosis of immediate allergy to β-lactams (Bousquet and Demoly). 2006;117:220-1 (Letter reply)
The contribution of major and minor determinants from benzylpenicillin to the diagnosis of immediate allergy to β-lactams (Torres and Blanca). 2006;117:220-1 (Correspondence)
Systemic reactions during skin tests with β-lactams: A risk factor analysis (Co Minh et al). 2006;117: 466-7 (Letters to the editor)

***Bifidobacterium breve***
Supernatant of *Bifidobacterium breve* induces dendritic cell maturation, activation, and survival through a Toll-like receptor 2 pathway (Hoarau et al). 2006;117:696-702

**Biolistics**
Downregulation of IgE antibody and allergic responses in the lung by epidermal biolistic microparticle delivery (Kendall et al). 2006;117: 275-82
Prophylactic and therapeutic intervention in IgE responses by biolistic DNA vaccination primarily targeting dendritic cells (Sudowe et al). 2006;117: 196-203

**Blackcurrant**
Blackcurrant allergy (Vázquez de la Torre et al) 2006;117:S45. Correction 2006;117:1117

***Blattella germanica***
Bla g 6: a troponin C allergen from *Blattella germanica* with IgE binding calcium dependence (Hindley et al). 2006;117:1389-95

**B lymphocytes**
Leukotriene $D_4$ enhances immunoglobulin production in CD40-activated human B lymphocytes (Lamoureux et al). 2006;117:924-30
Molecular basis of common variable immunodeficiency (Castigli and Geha). 2006;117: 740-6 (Review)

**Body mass index;** *see also* Obesity; Overweight
Body mass index in children receiving inhaled corticosteroid therapy (Zweiman and Rothenberg). 2006;117:483 (Beyond our pages)
Inflammatory response of the airway to inhaled endotoxin correlates with body mass index in atopic patients with asthma but not in normal volunteers (Alexis and Peden). 2006;117:1185-6 (Letters to the editor)

**Bone density**
Cost-effectiveness of inhaled steroids in asthma: Impact of effect on bone mineral density (Fuhlbrigge et al). 2006;117:359-66

**Bone marrow cells**
Thymocytes and bone marrow cells in 1966: Where did we go from there? (Marrack). 2006;117:962-4 (The allergy archives)
**Bone marrow transplantation**
Bone marrow transplantation for SCID—what works best? (Zweiman and Rothenberg). 2006;117:1199 (Beyond our pages)
***Brassica***
Cabbage lipid transfer protein Bra o 3 is a major allergen responsible for cross-reactivity between plant foods and pollens (Palacin et al). 2006;117: 1423-9
Napins, 2S albumins, are major allergens in oilseed rape and turnip rape (Puumalainen et al). 2006;117: 426-32
**Breast feeding**
Atopic disease and breast-feeding—cause or consequence? (Lowe et al). 2006;117:682-7
Infant formulas for primary allergy prevention (Hays). 2006;117:471-2 (Correspondence)
Infant formulas for primary allergy prevention (Friedman and Zeiger). 2006;117:472 (Letter reply)
**Bronchi**
Mast cells regulates procollagen I ($\alpha_1$) production by bronchial fibroblasts derived from subjects with asthma through IL-4/IL-4δ2 ratio (Plante et al). 2006;117:1321-7
**Bronchial hyperreactivity**
Anthroposophic parents, frequency of medical visits, and choice of physicians (Flöistrup et al). 2006;117:1510-1 (Letter reply)
Anthroposophic parents, frequency of medical visits, and choice of physicians (Freitag). 2006;117:1510 (Correspondence)
Anti-IgE: lessons learned from effects on airway inflammation and asthma exacerbation (Fahy). 2006;117:1230-2 (Review)
Bronchodilator responses in Chinese children from asthma index families and the general population (Kumar et al). 2006;117:1257-63
Determinants of bronchodilator responsiveness (Leung et al). 2006;117:1201 (The editors' choice)
**Bronchial hyperresponsiveness;** *see* Airway hyperresponsiveness
**Bronchial provocation tests**
Bronchodilator responses in Chinese children from asthma index families and the general population (Kumar et al). 2006;117:1257-63
Determinants of bronchodilator responsiveness (Leung et al). 2006;117:1201 (The editors' choice)
**Bronchitis**
A clinical model to assess relative potencies of inhaled corticosteroids (Leung et al). 2006;117:967 (The editors' choice)
Eosinophilic bronchitis in asthma: a model for establishing dose-response and relative potency of inhaled corticosteroids (Kelly et al). 2006;117: 989-94
**Bronchoalveolar lavage fluid**
Cytokine production by bronchoalveolar lavage T lymphocytes in chronic obstructive pulmonary disease (Barczyk et al). 2006;117: 1484-92
Enhanced frequency of immunoregulatory invariant natural killer T cells in the airways of children with asthma (Pham-Thi et al). 2006;117:217-8 (Letters to the editor)
Pulmonary $T_H2$ response in *Pseudomonas aeruginosa*–infected patients with cystic fibrosis (Hartl et al). 2006;117:204-11
**Bronchoconstriction**
Bronchodilation and bronchoconstriction: predictors of future lung function in childhood asthma (Tantisira et al). 2006;117:1264-71
Effect of ciclesonide dose and duration of therapy on exercise-induced bronchoconstriction in patients with asthma (Subbarao et al). 2006;117: 1008-13
The prevalence of ibuprofen-sensitive asthma in children (Zweiman and Rothenberg). 2006;117: 229 (Beyond our pages)
**Bronchodilation**
Bronchodilation and bronchoconstriction: predictors of future lung function in childhood asthma (Tantisira et al). 2006;117:1264-71
**Bronchodilator agents**
Bronchial obstruction: A limited, out-of-fashion approach to measure treatment efficacy in childhood asthma? (Silvestri et al). 2006;117: 474-5 (Correspondence)
Bronchial obstruction: A limited, out-of-fashion approach to measure treatment efficacy in childhood asthma? (Szefler). 2006;117:475-6 (Letter reply)
Does regional lung deposition of inhaled β-agonists determine bronchodilator responses? (Zweiman and Rothenberg). 2006;117:965 (Beyond our pages)
Is there a problem with inhaled long-acting β-adrenergic agonists? (Nelson). 2006;117:3-16 (Review)
**Bronchoprotection**
The bronchoprotective effect of inhaling methacholine by using total lung capacity inspirations has a marked influence on the interpretation of the test result (Cockcroft and Davis). 2006;117:1244-8 (Rostrum)
**Budesonide**
Contact allergy to inhaled budesonide (Tovar et al) 2006;117:S229. Correction 2006;117:1117

## C

**Calcineurin inhibitors**
The "black box" warning and allergy drugs (Aaronson). 2006;117:40-4 (Rostrum)

**Calcium-binding proteins**
Bla g 6: a troponin C allergen from *Blattella germanica* with IgE binding calcium dependence (Hindley et al). 2006;117:1389-95
**Candidate genes**
Gene-gene interactions for asthma and plasma total IgE concentration in Chinese children (Chan et al). 2006;117:127-33
**Carbon**
Effects of ultrafine carbon particle inhalation on allergic inflammation of the lung (Alessandrini et al). 2006;117:824-30
**Cartilage-hair hypoplasia**
Mutations in the RNA component of RNase mitochondrial RNA processing might cause Omenn syndrome (Roifman et al). 2006;117:897-903
**Cathelicidin**
Association of eczema herpeticum with reduced skin cathelicidin (Leung et al). 2006;117:723 (The editors' choice)
Cathelicidin deficiency predisposes to eczema herpeticum (Howell et al). 2006;117:836-41
**CC chemokine receptor 3**
The CC chemokine eotaxin/CCL11 has a selective profibrogenic effect on human lung fibroblasts (Puxeddu et al). 2006;117:103-10
**CCL19 chemokine**
Role of CCL21 and CCL19 in allergic inflammation in the ovalbumin-specific murine asthmatic model (Yamashita et al). 2006;117:1040-6
**CCL21 chemokine**
Role of CCL21 and CCL19 in allergic inflammation in the ovalbumin-specific murine asthmatic model (Yamashita et al). 2006;117:1040-6
**CD1d;** *see* Antigens, CD
**CD8-positive T-lymphocytes;** *see* T lymphocytes
**Celecoxib;** *see* Cyclooxygenase inhibitors
**Cephalosporins**
Cross-reactivity between cephalosporins and penicillins (Leung et al). 2006;117:231 (The editors' choice)
Immediate allergic reactions to cephalosporins: Evaluation of cross-reactivity with a panel of penicillins and cephalosporins (Antunez et al). 2006;117:404-10
**Cereals**
Wheat and maize thioredoxins: A novel cross-reactive cereal allergen family related to baker's asthma (Weichel et al). 2006;117:676-81
**Chemokines**
Mast cells: ontogeny, homing and recruitment of a unique innate effector cell (Gurish and Boyce). 2006;117:1285-91 (Rostrum)
The role of the mast cell in the pathophysiology of asthma (Bradding et al). 2006;117:1277-84 (Review)
**Chemokines, CC**
The CC chemokine eotaxin/CCL11 has a selective profibrogenic effect on human lung fibroblasts (Puxeddu et al). 2006;117:103-10
Eotaxin polymorphisms and serum total IgE levels in children with asthma (Raby et al). 2006;117:298-305
Nervous eosinophils (Zweiman and Rothenberg). 2006;117:965-6 (Beyond our pages)
**Chemotaxis**
Skin homing of Langerhans cell precursors: Adhesion, chemotaxis, and migration (Koch et al). 2006;117:163-8 (Review)
**Child behavior**
Asthma and behavior problems in childhood (Zweiman and Rothenberg). 2006;117:1516 (Beyond our pages)
**Childhood asthma;** *see* Asthma, pediatric
**Children;** *see also* Asthma, pediatric
Allergy: The price paid for longevity and social wealth? (Gold). 2006;117:148-50 (Editorial)
Determination of no-observed-adverse-effect levels and eliciting doses in a representative group of peanut-sensitized children (Flinterman et al). 2006;117:448-54
**Chitin**
Chitin (Zweiman and Rothenberg). 2006;117:1517 (Beyond our pages)
***Chlamydia pneumoniae***
*Chlamydia pneumoniae* and airway remodeling (Hahn). 2006;117:1193 (Correspondence)
*Chlamydia pneumoniae* and airway remodeling (Karjalainen and Pasternack). 2006;117:1193-4 (Letter reply)
**Chloride channels**
Gob-5 knockout mice (Zweiman and Rothenberg). 2006;117:719 (Beyond our pages)
**Cholecalciferol**
Reversing a defect in glucocorticoid-resistant asthma patients (Zweiman and Rothenberg). 2006;117:719 (Beyond our pages)
**Chronic obstructive pulmonary disease;** *see* Lung diseases, obstructive
**Chymase**
Extracutaneous mastocytoma (Castells). 2006;117:1513-5 (Images in allergy and immunology)
**Ciclesonide**
Ciclesonide inhalation aerosol for persistent asthma (Chowdhury). 2006;117:1194 (Correspondence)
Ciclesonide inhalation aerosol for persistent asthma (Pearlman et al). 2006;117:1195-6 (Letter reply)
Effect of ciclesonide dose and duration of therapy on exercise-induced bronchoconstriction in patients with asthma (Subbarao et al). 2006;117:1008-13
**Circadian rhythm**
Cortisol circadian rhythms and stress responses in infants at risk of allergic disease (Ball et al). 2006;117:306-11

**Claman, Henry N.**
Henry N. Claman, MD: Identification of cellular cooperation in antibody production (Dreskin). 2006;117:959-60 (The allergy archives)
**Class-switch recombination;** *see* Immunoglobulin class-switching
**Clinical trials**
Ethics of placebos in clinical asthma trials (Coffey and Ross). 2006;117:470 (Correspondence)
Ethics of placebos in clinical asthma trials (Onder). 2006;117:470-1 (Letter reply)
**Codeine**
Effect of codeine on objective measurement of cough in chronic obstructive pulmonary disease (Smith et al). 2006;117:831-5
**Cold**
A defect in nasal mucosal water homeostasis detected? (Leung et al). 2006;117:1201 (The editors' choice)
Epithelial shedding is associated with nasal reactions to cold, dry air (Cruz et al). 2006;117:1351-8
Successful treatment of cold-induced urticaria/anaphylaxis with anti-IgE (Boyce). 2006;117:1415-8 (Case study)
**Collagen type I**
The CC chemokine eotaxin/CCL11 has a selective profibrogenic effect on human lung fibroblasts (Puxeddu et al). 2006;117:103-10
**Columbidae**
Bites of the European pigeon tick *(Argas reflexus):* Risk of IgE-mediated sensitizations and anaphylactic reactions (Kleine-Tebbe et al). 2006;117:190-5
**Complement 1 inactivators**
Self-administration of C1-inhibitor concentrate in patients with hereditary or acquired angioedema caused by C1-inhibitor deficiency (Levi et al). 2006;117:904-8
**Complementary therapies**
ARIA update: I—systematic review of complementary and alternative medicine for rhinitis and asthma (Passalacqua et al). 2006;117: 1054-62 (Review)
**Complement C3**
The complement component C3 plays a critical role in both $T_H1$ and $T_H2$ responses to antigen (Yalcindag et al). 2006;117:1455-61
**Complement C3a**
Plasma levels of complement C3a and C4a components increased in patients with aspirin-induced asthma (Zweiman and Rothenberg). 2006;117:718 (Beyond our pages)
**Complement C4a**
Plasma levels of complement C3a and C4a components increased in patients with aspirin-induced asthma (Zweiman and Rothenberg). 2006;117:718 (Beyond our pages)
**Complement C5a**
C5a decoy receptor (Zweiman and Rothenberg). 2006;117:719 (Beyond our pages)
**Connective tissue**
Connective tissue growth factor might play a role in airway remodeling in asthma (Zweiman and Rothenberg). 2006;117:1199 (Beyond our pages)
**Contact allergy;** *see* Dermatitis, contact
**Continuing Medical Education examination.** 2006;117: 17, 25, 241, 255, 495, 507, 739, 747, 978, 988, 1213, 1226
**Contraceptives, oral**
Endogenous and exogenous sex steroid hormones and asthma and wheeze in young women (Salam et al). 2006;117:1001-7
**Coping behavior**
Risk-taking and coping strategies of adolescents and young adults with food allergy (Sampson et al). 2006;117:1440-45
**Corrections**
Attaining optimal asthma control: a practice parameter (Li et al) (2005;116:S3-11). 2006;117:262
Blackcurrant allergy (Vázquez de la Torre et al) (2006;117:S45). 2006;117:1117
Contact allergy to inhaled budesonide (Tovar et al) (2006;117:S229). 2006;117:1117
IL-31 is associated with cutaneous lymphocyte antigen-positive skin homing T cells in patients with atopic dermatitis (Bilsborough et al) (2006;117:418-25). 2006;117:1124
Innate immunity for biodefense: A strategy whose time has come (Amlie-Lefond et al) (2005;116: 1334-42). 2006;117:923
*In vivo* assessment with prick-to-prick testing and double-blind, placebo-controlled food challenge of allergenicity of apple cultivars (Bolhaar et al) (2005;116:1080-6). 2006;117:189
Position paper: the medical effects of mold exposure (Bush et al) (2006;117:326-34). 2006;117:1373
Predictors of asthma-related health care utilization and quality of life among inner-city patients with asthma (Leung et al) (2005;116:636-42). 2006;117:1140
Response to inhaled albuterol during nocturnal asthma (Hendeles et al) (2004;113:1058-62). 2006;117: 773
The use of intravenous immunoglobulin in human disease: a review of evidence by members of the Primary Immunodeficiency Committee of the American Academy of Allergy, Asthma and Immunology (Orange et al) (2006;117:S525-53). 2006;117:1483
**Correspondence;** *see also* Letters to the editor
*Alternaria alternata* antigens in US homes (Dreborg). 2006;117:474 (Letter reply)
*Alternaria alternata* antigens in US homes (Salo et al). 2006;117:473 (Correspondence)
Anaphylactic reaction and antibodies to DX-88 (kallikrein inhibitor) in a patient with hereditary angioedema (Beck and Baird). 2006;117:477 (Letter reply)
Anaphylactic reaction and antibodies to DX-88 (kallikrein inhibitor) in a patient with hereditary

angioedema (Caballero and López-Serrano). 2006;117:476-7 (Correspondence)
Anthroposophic parents, frequency of medical visits, and choice of physicians (Flöistrup et al). 2006;117:1510-1 (Letter reply)
Anthroposophic parents, frequency of medical visits, and choice of physicians (Freitag). 2006;117:1510 (Correspondence)
$\beta_2$-Adrenergic receptor polymorphism in asthma: Prospective versus retrospective perspective (Contopoulos-Ioannidis and Ioannidis). 2006;117: 222-3 (Letter reply)
$\beta_2$-Adrenergic receptor polymorphism in asthma: Prospective versus retrospective perspective (Lee et al). 2006;117:222 (Correspondence)
Confounding effect of atopy on functional effects of the CD14/-159 promoter polymorphism (Böttcher et al). 2006;117:220 (Letter reply)
Bronchial obstruction: A limited, out-of-fashion approach to measure treatment efficacy in childhood asthma? (Silvestri et al). 2006;117: 474-5 (Correspondence)
Bronchial obstruction: A limited, out-of-fashion approach to measure treatment efficacy in childhood asthma? (Szefler). 2006;117:475-6 (Letter reply)
*Chlamydia pneumoniae* and airway remodeling (Hahn). 2006;117:1193 (Correspondence)
*Chlamydia pneumoniae* and airway remodeling (Karjalainen and Pasternack). 2006;117:1193-4 (Letter reply)
Ciclesonide inhalation aerosol for persistent asthma (Chowdhury). 2006;117:1194 (Correspondence)
Ciclesonide inhalation aerosol for persistent asthma (Pearlman et al). 2006;117:1195-6 (Letter reply)
Confounding effect of atopy on functional effects of the CD14/-159 promoter polymorphism (Reijmerink et al). 2006;117:219 (Correspondence)
The contribution of major and minor determinants from benzylpenicillin to the diagnosis of immediate allergy to β-lactams (Bousquet and Demoly). 2006;117:220-1 (Letter reply)
The contribution of major and minor determinants from benzylpenicillin to the diagnosis of immediate allergy to β-lactams (Torres and Blanca). 2006;117:220-1 (Correspondence)
Cost-effectiveness of home-based interventions should also take into account nonrespiratory indoor health hazards (Charpin). 2006;117:953 (Correspondence)
The difference between groups and individuals (de Blic et al). 2006;117:955 (Letter reply)
The difference between groups and individuals (Saglani et al). 2006;117:955 (Correspondence)
Effect of genotype on responses to enantiomers and the significance of the eudismic analysis in asthma research (Ameredes and Panettieri). 2006;117: 712-3 (Letter reply)
Effect of genotype on responses to enantiomers and the significance of the eudismic analysis in asthma research (Jalba). 2006;117:712 (Correspondence)
Environment-induced reactivity against autoallergens: possible role of latex (Guarneri et al). 2006;117: 957-8 (Correspondence)
Ethics of placebos in clinical asthma trials (Coffey and Ross). 2006;117:470 (Correspondence)
Ethics of placebos in clinical asthma trials (Onder). 2006;117:470-1 (Letter reply)
Infant formulas for primary allergy prevention (Friedman and Zeiger). 2006;117:472 (Letter reply)
Infant formulas for primary allergy prevention (Hays). 2006;117:471-2 (Correspondence)
Nutritional supplements and pediatric upper respiratory tract illnesses (Devereux and Seaton). 2006;117:954 (Letter reply)
Nutritional supplements and pediatric upper respiratory tract illnesses (Linday). 2006;117: 953-4 (Correspondence)
Problems with using exhaled nitric oxide to guide asthma treatment (Hargreave and Parameswaran). 2006;117:1511 (Correspondence)
Problems with using exhaled nitric oxide to guide asthma treatment (Taylor). 2006;117:1511-2 (Letter reply)
Reality testing: In reply to Fuhlbrigge and Sullivan (Wolf and Marks). 2006;117:477 (Correspondence)
The use of principal component analysis to explore relationships between factors (Schatz and Cook). 2006;117:221-2 (Letter reply)
The use of principal component analysis to explore relationships between factors (Upton). 2006;117: 221 (Correspondence)
Viral specimen collection by parents increases response rate in population-based virus studies (Lemanske et al). 2006;117:956-7 (Letter reply)
Viral specimen collection by parents increases response rate in population-based virus studies (van der Zalm et al). 2006;117:955-6 (Correspondence)
Wheezing in patients with human metapneumovirus infection (Schildgen et al). 2006;117:223 (Correspondence)
Wheezing in patients with human metapneumovirus infection (Williams et al). 2006;117:223-4 (Letter reply)

**Corticosteroids;** *see also specific corticosteroids*
Approaches to the treatment of hypereosinophilic syndromes: a workshop summary report (Klion et al). 2006;117:1292-302
Body mass index in children receiving inhaled corticosteroid therapy (Zweiman and Rothenberg). 2006;117:483 (Beyond our pages)
Bronchodilation and bronchoconstriction: predictors of future lung function in childhood asthma (Tantisira et al). 2006;117:1264-71

A clinical model to assess relative potencies of inhaled corticosteroids (Leung et al). 2006;117:967 (The editors' choice)
Cost-effectiveness of inhaled steroids in asthma: Impact of effect on bone mineral density (Fuhlbrigge et al). 2006;117:359-66
Eosinophil $\beta_1$ integrin activation state correlates with asthma activity in a blind study of inhaled corticosteroid withdrawal (Johansson et al). 2006;117:1502-4 (Letters to the editor)
Eosinophilic bronchitis in asthma: a model for establishing dose-response and relative potency of inhaled corticosteroids (Kelly et al). 2006;117: 989-94
Managing severe asthma (Wenzel and Szefler). 2006;117:508-11 (Editorial)
Nitric oxide as a clinical guide for asthma management (Taylor). 2006;117:259-62 (Review)
Severity and control of severe asthma (Bateman). 2006;117:519-21 (Editorial)

**Cortisol**
Cortisol circadian rhythms and stress responses in infants at risk of allergic disease (Ball et al). 2006;117:306-11
Maternal allergy and day care impact infants' cortisol stress response (Leung et al). 2006;117:231 (The editors' choice)

**Cost-benefit analysis**
Cost-effectiveness of home-based interventions should also take into account nonrespiratory indoor health hazards (Charpin). 2006;117:953 (Correspondence)
Cost-effectiveness of home-based interventions should also take into account nonrespiratory indoor health hazards (Kattan et al). 2006;117:953 (Letter reply)
Cost-effectiveness of inhaled steroids in asthma: Impact of effect on bone mineral density (Fuhlbrigge et al). 2006;117:359-66

**Cough**
Effect of codeine on objective measurement of cough in chronic obstructive pulmonary disease (Smith et al). 2006;117:831-5

**Cross-reactivity**
Cabbage lipid transfer protein Bra o 3 is a major allergen responsible for cross-reactivity between plant foods and pollens (Palacin et al). 2006;117: 1423-9
Cross-reactivity between cephalosporins and penicillins (Leung et al). 2006;117:231 (The editors' choice)
Immediate allergic reactions to cephalosporins: Evaluation of cross-reactivity with a panel of penicillins and cephalosporins (Antunez et al). 2006;117:404-10
Wheat and maize thioredoxins: A novel cross-reactive cereal allergen family related to baker's asthma (Weichel et al). 2006;117:676-81

**Current procedural terminology**
CPT coding for the allergist (Gross). 2006;117:257-8 (Editorial)

**Cyclooxygenase inhibitors**
Asthma attacks induced by low doses of celecoxib, aspirin, and acetaminophen (Baldassarre et al). 2006;117:215-7 (Letters to the editor)

**Cyclophosphamide**
Cyclophosphamide augments inflammation by reducing immunosuppression in a mouse model of allergic airway disease (Su et al). 2006;117: 635-41

**Cysteinyl leukotriene receptor;** *see* Receptors, leukotriene

**Cystic fibrosis**
Acute *Pseudomonas* challenge in cystic fibrosis mice causes prolonged nuclear factor-κB activation, cytokine secretion, and persistent lung inflammation (Saadane et al). 2006;117:1163-9
Pulmonary $T_H2$ response in *Pseudomonas aeruginosa*–infected patients with cystic fibrosis (Hartl et al). 2006;117:204-11

**Cytokines;** *see also specific cytokines*
Absence of T-regulatory cell expression and function in atopic dermatitis skin (Verhagen et al). 2006;117:176-83
Acute *Pseudomonas* challenge in cystic fibrosis mice causes prolonged nuclear factor-κB activation, cytokine secretion, and persistent lung inflammation (Saadane et al). 2006;117:1163-9
Bidirectional interactions between viral respiratory illnesses and cytokine responses in the first year of life (Gern et al). 2006;117:72-8
Cytokine production by bronchoalveolar lavage T lymphocytes in chronic obstructive pulmonary disease (Barczyk et al). 2006;117:1484-92
Decreased $CD4^+$ lymphocytes and innate immune responses in adults with previous extrapulmonary tuberculosis (Antas et al). 2006;117:916-23
IL-17E upregulates the expression of proinflammatory cytokines in lung fibroblasts (Létuvé et al). 2006;117:590-6
Pulmonary $T_H2$ response in *Pseudomonas aeruginosa*–infected patients with cystic fibrosis (Hartl et al). 2006;117:204-11

**D**

**Dendritic cells**
Human dendritic cells conditioned with *Staphylococcus aureus* enterotoxin B promote $T_H2$ cell polarization (Mandron et al). 2006;117:1141-7
Prophylactic and therapeutic intervention in IgE responses by biolistic DNA vaccination primarily targeting dendritic cells (Sudowe et al). 2006;117: 196-203
Skin homing of Langerhans cell precursors: Adhesion, chemotaxis, and migration (Koch et al). 2006;117: 163-8 (Review)
Supernatant of *Bifidobacterium breve* induces dendritic cell maturation, activation, and survival

through a Toll-like receptor 2 pathway (Hoarau et al). 2006;117:696-702
Toll-like receptor agonists differentially regulate cysteinyl-leukotriene receptor 1 expression and function in human dendritic cells (Thivierge et al). 2006;117:1155-62

**Dermatitis**
Exposure to the fish parasite *Anisakis* causes allergic airway hyperreactivity and dermatitis (Nieuwenhuizen et al). 2006;117:1098-1105

**Dermatitis, atopic**
Absence of T-regulatory cell expression and function in atopic dermatitis skin (Verhagen et al). 2006;117:176-83
Allergic disease and sensitization in Steiner school children (Flöistrup et al). 2006;117:59-66
Association of eczema herpeticum with reduced skin cathelicidin (Leung et al). 2006;117:723 (The editors' choice)
Cathelicidin deficiency predisposes to eczema herpeticum (Howell et al). 2006;117:836-41
The complement component C3 plays a critical role in both $T_H1$ and $T_H2$ responses to antigen (Yalcindag et al). 2006;117:1455-61
Differential effects of risk factors on infant wheeze and atopic dermatitis emphasize a different etiology (Linneberg et al). 2006;117:184-9
Environment-induced reactivity against autoallergens: possible role of latex (Guarneri et al). 2006;117:957-8 (Correspondence)
Evidence for a reduced histamine degradation capacity in a subgroup of patients with atopic eczema (Maintz et al). 2006;117:1106-12
IL-31: A new link between T cells and pruritus in atopic skin inflammation (Sonkoly et al). 2006;117:411-7
IL-31 is associated with cutaneous lymphocyte antigen–positive skin homing T cells in patients with atopic dermatitis (Bilsborough et al) 2006;117:418-25. Correction 2006;117:1124
Missing $CD25^+FoxP3^+$ T-regulatory cells in atopic dermatitis skin (Leung et al). 2006;117:1 (The editors' choice)
Proceedings of the 4th Goerg Rajka International Symposium on Atopic Dermatitis, Arcachon, France, September 15-17, 2005 (Taïeb et al). 2006;117:378-90
Scratching the itch in atopic dermatitis: Will inhibiting IL-31 be key? (Leung et al). 2006;117:231 (The editors' choice)

**Dermatitis, contact**
Contact allergy to inhaled budesonide (Tovar et al) 2006;117:S229. Correction 2006;117:1117
Low zone tolerance induced by systemic application of allergens inhibits $T_C1$-mediated skin inflammation (Seidel-Guyenot et al). 2006;117:1170-7

**Der p 1 allergen;** *see* Antigens, Dermatophagoides

**Desensitization, immunologic**
Drug allergy review (Zweiman and Rothenberg). 2006;117:1517 (Beyond our pages)

**Diabetes**
Association of *IL13* with total IgE: evidence against an inverse association of atopy and diabetes (Maier et al). 2006;117:1306-13

**Diarrhea**
New rotavirus vaccines on the scene (Zweiman and Rothenberg). 2006;117:965 (Beyond our pages)

**Diisocyanates;** *see* Isocyanates

**Dinitrochlorobenzene**
Validation of a mouse model of chemical-induced asthma using trimellitic anhydride, a respiratory sensitizer, and dinitrochlorobenzene, a dermal sensitizer (Vanoirbeek et al). 2006;117:1090-7

**DNA, immunostimulatory**
Immunostimulatory DNA inhibits allergen-induced peribronchial angiogenesis in mice (Lee et al). 2006;117:597-603
Remodeling associated expression of matrix metalloproteinase 9 but not tissue inhibitor of metalloproteinase 1 in airway epithelium: Modulation by immunostimulatory DNA (Cho et al). 2006;117:618-25

**Dose-response relationship, immunologic**
A clinical model to assess relative potencies of inhaled corticosteroids (Leung et al). 2006;117:967 (The editors' choice)
Dose-response to grass pollen extract immunotherapy (Leung et al). 2006;117:232 (The editors' choice)
Effect of ciclesonide dose and duration of therapy on exercise-induced bronchoconstriction in patients with asthma (Subbarao et al). 2006;117:1008-13
Eosinophilic bronchitis in asthma: a model for establishing dose-response and relative potency of inhaled corticosteroids (Kelly et al). 2006;117:989-94

**Drosophila proteins**
Ig-superfamily diversity in insects (Zweiman and Rothenberg). 2006;117:230 (Beyond our pages)

**Drug administration routes**
Sublingual epinephrine tablets versus intramuscular injection of epinephrine: Dose equivalence for potential treatment of anaphylaxis (Rawas-Qalaji et al). 2006;117:398-403

**Drug allergy;** *see* Drug hypersensitivity

**Drug approval**
"Black box" 101: How the Food and Drug Administration evaluates, communicates, and manages drug benefit/risk (Murphy and Roberts). 2006;117:34-9 (Review)

**Drug hypersensitivity**
Adverse events associated with smallpox vaccination (Zweiman and Rothenberg). 2006;117:718 (Beyond our pages)
Adverse reactions following intranasal influenza vaccine (Zweiman and Rothenberg). 2006;117:718 (Beyond our pages)

Asthma attacks induced by low doses of celecoxib, aspirin, and acetaminophen (Baldassarre et al). 2006;117:215-7 (Letters to the editor)
The contribution of major and minor determinants from benzylpenicillin to the diagnosis of immediate allergy to β-lactams (Bousquet and Demoly). 2006;117:220-1 (Letter reply)
The contribution of major and minor determinants from benzylpenicillin to the diagnosis of immediate allergy to β-lactams (Torres and Blanca). 2006;117:220-1 (Correspondence)
Drug allergy review (Zweiman and Rothenberg). 2006;117:1517 (Beyond our pages)
Hypersensitivity to lansoprazole and rabeprazole with tolerance to other proton pump inhibitors (Pimiento et al). 2006;117:707-8 (Letters to the editor)
Immediate allergic reactions to cephalosporins: Evaluation of cross-reactivity with a panel of penicillins and cephalosporins (Antunez et al). 2006;117:404-10
Long-lasting reactivity and high frequency of drug-specific T cells after severe systemic drug hypersensitivity reactions (Beeler et al). 2006;117: 455-62
Parecoxib tolerability in patients with hypersensitivity to nonsteroidal antiinflammatory drugs (Viola et al). 2006;117:1189-90 (Letters to the editor)
Systemic reactions during skin tests with β-lactams: A risk factor analysis (Co Minh et al). 2006;117: 466-7 (Letters to the editor)

**Drug industry**
Reality testing: In reply to Fuhlbrigge and Sullivan (Wolf and Marks). 2006;117:477 (Correspondence)

**Drug labeling**
"Black box" 101: How the Food and Drug Administration evaluates, communicates, and manages drug benefit/risk (Murphy and Roberts). 2006;117:34-9 (Review)
"Black box" warning: Wake-up call or overreaction? (Szefler et al). 2006;117:26-9 (Editorial)
The "black box" warning and allergy drugs (Aaronson). 2006;117:40-4 (Rostrum)
*Primum non nocere* and "black box" warnings (Pearlman). 2006;117:30-1 (Editorial)

**Drug reactions**
"Black box" 101: How the Food and Drug Administration evaluates, communicates, and manages drug benefit/risk (Murphy and Roberts). 2006;117:34-9 (Review)
Evaluation of near-fatal reactions to allergen immunotherapy injections (Amin et al). 2006;117: 169-75
Is there a problem with inhaled long-acting β-adrenergic agonists? (Nelson). 2006;117:3-16 (Review)

**Drug resistance**
Reversing a defect in glucocorticoid-resistant asthma patients (Zweiman and Rothenberg). 2006;117:719 (Beyond our pages)
Update on glucocorticoid action and resistance (Ito et al). 2006;117:522-43 (Review)

**Drug safety;** *see* Drug toxicity

**Drug toxicity**
"Black box" 101: How the Food and Drug Administration evaluates, communicates, and manages drug benefit/risk (Murphy and Roberts). 2006;117:34-9 (Review)

**Dust**
Endotoxin exposure as a risk factor for asthma (Zweiman and Rothenberg). 2006;117:965 (Beyond our pages)
Endotoxin in inner-city homes: associations with wheeze and eczema in early childhood (Perzanowski et al). 2006;117:1082-9
House dust extracts have both $T_H2$ adjuvant and tolerogenic activities (Ng et al). 2006;117: 1074-81

**Dust mite allergen;** *see* Mites

**Dyspepsia**
An expanding evidence base provides food for thought to avoid indigestion in managing difficult dilemmas in food allergy (Sicherer and Bock). 2006;117:1419-22 (Editorial)

## E

**Eczema;** *see also* Dermatitis, atopic; Dermatitis, contact
Association of eczema herpeticum with reduced skin cathelicidin (Leung et al). 2006;117:723 (The editors' choice)
Cathelicidin deficiency predisposes to eczema herpeticum (Howell et al). 2006;117:836-41
Endotoxin in inner-city homes: associations with wheeze and eczema in early childhood (Perzanowski et al). 2006;117:1082-9
Infants and toddlers without asthma with eczema have elevated exhaled nitric oxide levels (Dinakar et al). 2006;117:212-3 (Letters to the editor)

**Editorials**. 2006;117:26-9, 30-1, 148-50, 257-8, 345-50, 508-11, 519-21, 748-52, 753-5, 756-8, 1063-6, 1227-9, 1303-5, 1419-22

**Egg hypersensitivity**
Skin prick test to egg white provides additional diagnostic utility to serum egg white–specific IgE antibody concentration in children (Knight et al). 2006;117:842-7

**Emergency medical services**
The use of magnesium sulfate in acute asthma: Rapid uptake of evidence in North American emergency departments (Rowe and Camargo). 2006;117:53-8

**Endothelial growth factors**
Association between genetic variations of vascular endothelial growth factor receptor 2 and atopy in the Korean population (Park et al). 2006;117:774-9

Vascular endothelial growth factor-mediated induction of angiogenesis by human rhinoviruses (Psarras et al). 2006;117:291-7

**Endotoxins**

Early-life exposure to fungi and development of asthma (Leung et al). 2006;117:968 (The editors' choice)

Endotoxin exposure as a risk factor for asthma (Zweiman and Rothenberg). 2006;117:965 (Beyond our pages)

Endotoxin in inner-city homes: associations with wheeze and eczema in early childhood (Perzanowski et al). 2006;117:1082-9

Indoor endotoxin reflects only significant difference between environment in asthma and nonasthma houses in UK study (Leung et al). 2006;117:486 (The editors' choice)

Inflammatory response of the airway to inhaled endotoxin correlates with body mass index in atopic patients with asthma but not in normal volunteers (Alexis and Peden). 2006;117:1185-6 (Letters to the editor)

IPEADAM study: Indoor endotoxin exposure, family status, and some housing characteristics in English children (Tavernier et al). 2006;117:656-62

**Enteropathy**

Food antigen causes $T_H2$-dependent enteropathy followed by tissue repair in T-cell receptor transgenic mice (Nakajima-Adachi et al). 2006;117:1125-32

**Enterotoxins**

Human dendritic cells conditioned with *Staphylococcus aureus* enterotoxin B promote $T_H2$ cell polarization (Mandron et al). 2006;117:1141-7

Staphylococcal enterotoxin B inhibits regulatory T cells by inducing glucocorticoid-induced TNF receptor-related protein ligand on monocytes (Cardona et al). 2006;117:688-95

*Staphylococcus aureus* enterotoxin B enhances allergic responses (Leung et al). 2006;117:968 (The editors' choice)

**Environmental exposure;** *see also* Hygiene hypothesis; Occupational exposure

Advances in environmental and occupational disorders (Bush and Peden). 2006;117:1367-73 (Review)

Allergy: The price paid for longevity and social wealth? (Gold). 2006;117:148-50 (Editorial)

*Alternaria alternata* antigens in US homes (Dreborg). 2006;117:474 (Letter reply)

*Alternaria alternata* antigens in US homes (Salo et al). 2006;117:473 (Correspondence)

Cortisol circadian rhythms and stress responses in infants at risk of allergic disease (Ball et al). 2006;117:306-11

Cost-effectiveness of home-based interventions should also take into account nonrespiratory indoor health hazards (Charpin). 2006;117:953 (Correspondence)

Cost-effectiveness of home-based interventions should also take into account nonrespiratory indoor health hazards (Kattan et al). 2006;117:953 (Letter reply)

Daily home measurements of exhaled nitric oxide in asthmatic children during natural birch pollen exposure (Vahlkvist et al). 2006;117:1272-6

Dissecting the effect of farm exposure on allergy (Leung et al). 2006;117:1202 (The editors' choice)

Does early indoor microbial exposure reduce the risk of asthma? The prevention and incidence of asthma and mite allergy birth cohort study (Douwes et al). 2006;117:1067-73

Early-life exposure to fungi and development of asthma (Leung et al). 2006;117:968 (The editors' choice)

Endotoxin in inner-city homes: associations with wheeze and eczema in early childhood (Perzanowski et al). 2006;117:1082-9

Indoor endotoxin reflects only significant difference between environment in asthma and nonasthma houses in UK study (Leung et al). 2006;117:486 (The editors' choice)

Indoor nitrogen dioxide exposure of asthmatic children (Zweiman and Rothenberg). 2006;117:483 (Beyond our pages)

Maternal allergy and day care impact infants' cortisol stress response (Leung et al). 2006;117:231 (The editors' choice)

The medical effects of mold exposure (Bush et al). 2006;117:326-33

Nasal inflammation and personal exposure to fine particles (2.5 μm in diameter) in asthmatic children (Nikasinovic et al). 2006;117:1382-8

The nose: a target for fine particles in asthmatic children (Leung et al). 2006;117:1202 (The editors' choice)

Which aspects of the farming lifestyle explain the inverse association with childhood allergy? (Perkin and Strachan). 2006;117:1374-81

**Environmental tobacco smoke;** *see* Tobacco smoke pollution

**Eosinophilia**

Anti-IgE: lessons learned from effects on airway inflammation and asthma exacerbation (Fahy). 2006;117:1230-2 (Review)

Approaches to the treatment of hypereosinophilic syndromes: a workshop summary report (Klion et al). 2006;117:1292-302

Eosinophilic bronchitis in asthma: a model for establishing dose-response and relative potency of inhaled corticosteroids (Kelly et al). 2006;117:989-94

Erythroderma and eosinophilia in severe combined immunodeficiency (Leung et al). 2006;117:724 (The editors' choice)

Problems with using exhaled nitric oxide to guide asthma treatment (Hargreave and Parameswaran). 2006;117:1511 (Correspondence)

Problems with using exhaled nitric oxide to guide asthma treatment (Taylor). 2006;117:1511-2 (Letter reply)

**Eosinophil major basic protein**
Identification of basophils by a mAb directed against pro–major basic protein 1 (Plager et al). 2006;117:626-34

**Eosinophils**
Airway epithelial cells produce neurotrophins and promote the survival of eosinophils during allergic airway inflammation (Hahn et al). 2006;117:787-94
A clinical model to assess relative potencies of inhaled corticosteroids (Leung et al). 2006;117:967 (The editors' choice)
Effect of omalizumab treatment on peripheral eosinophil and T-lymphocyte function in patients with allergic asthma (Noga et al). 2006;117:1493-9
Eosinophil $\beta_1$ integrin activation state correlates with asthma activity in a blind study of inhaled corticosteroid withdrawal (Johansson et al). 2006;117:1502-4 (Letters to the editor)
IL-17E upregulates the expression of proinflammatory cytokines in lung fibroblasts (Létuvé et al). 2006;117:590-6
Nervous eosinophils (Zweiman and Rothenberg). 2006;117:965-6 (Beyond our pages)

**Eotaxin;** *see* Chemokines, CC

**Epidemiology**
Differential effects of risk factors on infant wheeze and atopic dermatitis emphasize a different etiology (Linneberg et al). 2006;117:184-9

**Epidermics;** *see* Disease outbreaks

**Epinephrine**
Evaluation of near-fatal reactions to allergen immunotherapy injections (Amin et al). 2006;117:169-75
A second dose of epinephrine for anaphylaxis: How often needed and how to carry (Kelso). 2006;117:464-5 (Letters to the editor)
Sublingual epinephrine tablets versus intramuscular injection of epinephrine: Dose equivalence for potential treatment of anaphylaxis (Rawas-Qalaji et al). 2006;117:398-403
Two cases of accidental epinephrine injection into a finger (Skorpinski et al). 2006;117:463-4 (Letters to the editor)

**Epithelial cells**
Airway epithelial cells produce neurotrophins and promote the survival of eosinophils during allergic airway inflammation (Hahn et al). 2006;117:787-94
Epithelial shedding is associated with nasal reactions to cold, dry air (Cruz et al). 2006;117:1351-8
Selective downregulation of prostaglandin $E_2$-related pathways by the $T_H2$ cytokine IL-13 (Trudeau et al). 2006;117:1446-54

**Epithelium**
Remodeling associated expression of matrix metalloproteinase 9 but not tissue inhibitor of metalloproteinase 1 in airway epithelium: Modulation by immunostimulatory DNA (Cho et al). 2006;117:618-25

**Epitopes**
Spatial clustering of the IgE epitopes on the major timothy grass pollen allergen Phl p 1: importance for allergenic activity (Flicker et al). 2006;117:1336-43

**E-prostanoid 2 ($EP_2$) receptor;** *see* Receptors, prostaglandin E

**Erythroderma**
Erythroderma and eosinophilia in severe combined immunodeficiency (Leung et al). 2006;117:724 (The editors' choice)

**Estrogen receptor alpha**
Estrogen receptor 1 polymorphisms are associated with airway hyperresponsiveness and lung function decline, particularly in female subjects with asthma (Dijkstra et al). 2006;117:604-11

**Etanercept;** *see* IgG; Receptors, tumor necrosis factor

**Ethics**
Ethics of placebos in clinical asthma trials (Coffey and Ross). 2006;117:470 (Correspondence)
Ethics of placebos in clinical asthma trials (Onder). 2006;117:470-1 (Letter reply)

**Ethnicity**
Heterogeneity of childhood asthma among Hispanic children (Zweiman and Rothenberg). 2006;117:1199 (Beyond our pages)

**Exercise**
Effect of ciclesonide dose and duration of therapy on exercise-induced bronchoconstriction in patients with asthma (Subbarao et al). 2006;117:1008-13
The leukotriene C4 synthase (A-444C) promoter polymorphism is associated with the severity of exercise-induced asthma in Korean children (Kim et al). 2006;117:1191-2 (Letters to the editor)

## F

**Fascin**
Prophylactic and therapeutic intervention in IgE responses by biolistic DNA vaccination primarily targeting dendritic cells (Sudowe et al). 2006;117:196-203

**Fatal outcome**
Near-fatal reactions to immunotherapy (Leung et al). 2006;117:2 (The editors' choice)

**Fatty acids, unsaturated**
Associations of cord blood fatty acids with lymphocyte proliferation, IL-13, and IFN-γ (Gold et al). 2006;117:931-8
Breast milk fatty acids and allergic disease in preschool children: The Prevention and Incidence of Asthma and Mite Allergy birth cohort study (Wijga et al). 2006;117:440-7

Nutritional supplements and pediatric upper respiratory tract illnesses (Devereux and Seaton). 2006;117:954 (Letter reply)
Nutritional supplements and pediatric upper respiratory tract illnesses (Linday). 2006;117: 953-4 (Correspondence)

**Fc epsilon receptors;** *see* Receptors, IgE

**Fetal blood**
Associations of cord blood fatty acids with lymphocyte proliferation, IL-13, and IFN-γ (Gold et al). 2006;117:931-8

**Fibroblasts**
The CC chemokine eotaxin/CCL11 has a selective profibrogenic effect on human lung fibroblasts (Puxeddu et al). 2006;117:103-10
IL-17E upregulates the expression of proinflammatory cytokines in lung fibroblasts (Létuvé et al). 2006;117:590-6
Mast cells regulates procollagen I ($\alpha_1$) production by bronchial fibroblasts derived from subjects with asthma through IL-4/IL-4δ2 ratio (Plante et al). 2006;117:1321-7

**Filariasis**
IgE memory: Persistence of antigen-specific IgE responses years after treatment of human filarial infections (Mitre and Nutman). 2006;117: 939-45

**Finland**
Allergy: The price paid for longevity and social wealth? (Gold). 2006;117:148-50 (Editorial)
Growing disparities in atopy between the Finns and the Russians: A comparison of 2 generations (von Hertzen et al). 2006;117:151-7

**Fluticasone propionate**
Asthma control can be maintained when fluticasone propionate/salmeterol in a single inhaler is stepped down (Bateman et al). 2006;117:563-70
Intra- and interindividual responses to fluticasone and montelukast in pediatric asthma (Leung et al). 2006;117:1 (The editors' choice)
Response profiles to fluticasone and montelukast in mild-to-moderate persistent childhood asthma (Zeiger et al). 2006;117:45-52

**Food challenge**
An expanding evidence base provides food for thought to avoid indigestion in managing difficult dilemmas in food allergy (Sicherer and Bock). 2006;117:1419-22 (Editorial)
Incidence of parentally reported and clinically diagnosed food hypersensitivity in the first year of life (Venter et al). 2006;117:1118-24

**Food hypersensitivity;** *see also* Egg hypersensitivity; *specific foods*
Blackcurrant allergy (Vázquez de la Torre et al) 2006;117:S45. Correction 2006;117:1117
Cabbage lipid transfer protein Bra o 3 is a major allergen responsible for cross-reactivity between plant foods and pollens (Palacin et al). 2006;117: 1423-9
Diagnostic accuracy of skin prick testing in children with tree nut allergy (Ho et al). 2006;117:1506-8 (Letters to the editor)
Evidence for a reduced histamine degradation capacity in a subgroup of patients with atopic eczema (Maintz et al). 2006;117:1106-12
An expanding evidence base provides food for thought to avoid indigestion in managing difficult dilemmas in food allergy (Sicherer and Bock). 2006;117:1419-22 (Editorial)
Exposure to the fish parasite *Anisakis* causes allergic airway hyperreactivity and dermatitis (Nieuwenhuizen et al). 2006;117: 1098-105
Food antigen causes $T_H2$-dependent enteropathy followed by tissue repair in T-cell receptor transgenic mice (Nakajima-Adachi et al). 2006;117:1125-32
Incidence of parentally reported and clinically diagnosed food hypersensitivity in the first year of life (Venter et al). 2006;117:1118-24
*In vivo* assessment with prick-to-prick testing and double-blind, placebo-controlled food challenge of allergenicity of apple cultivars (Bolhaar et al) (2005;116:1080-6). Correction 2006;117:189
Napins, 2S albumins, are major allergens in oilseed rape and turnip rape (Puumalainen et al). 2006;117: 426-32
Risk-taking and coping strategies of adolescents and young adults with food allergy (Sampson et al). 2006;117:1440-45
Wheat allergy: a double-blind, placebo-controlled study in adults (Scibilia et al). 2006;117:433-9

***Francisella tularensis***
Dominance of human innate immune responses in primary *Francisella tularensis* live vaccine strain vaccination (Fuller et al). 2006;117:1186-8 (Letters to the editor)

**Fungi**
Are atopy and specific IgE to mites and molds important for adult asthma? (Jaakkola et al). 2006;117:642-8
Early-life exposure to fungi and development of asthma (Leung et al). 2006;117:968 (The editors' choice)
The medical effects of mold exposure (Bush et al). 2006;117:326-33
Position paper: the medical effects of mold exposure (Bush et al) 2006;117:326-34. Correction 2006;117:1373

## G

**Gastroesophageal reflux**
Does treatment of GERD improve moderate to severe asthma? (Zweiman and Rothenberg). 2006;117: 1516 (Beyond our pages)

**Gastrointestinal tract**
Bug juice (Zweiman and Rothenberg). 2006;117:719 (Beyond our pages)

**Gelatinase A**
The CC chemokine eotaxin/CCL11 has a selective profibrogenic effect on human lung fibroblasts (Puxeddu et al). 2006;117:103-10
**Genes;** *see also* Mutation; Polymorphism
Prenatal farm exposure and gene regulation in innate immunity (Leung et al). 2006;117:724 (The editors' choice)
Scratching the surface: Do genes for allergic response lead to asthma? (Leung et al). 2006;117:1 (The editors' choice)
**Gene therapy**
Gene therapy for immune disorders: Good news tempered by bad news (Puck and Malech). 2006;117:865-9 (Review)
**Genetic predisposition to disease**
Association of *IL13* with total IgE: evidence against an inverse association of atopy and diabetes (Maier et al). 2006;117:1306-13
The Faustian bargain of genetic association studies: bigger might not be better, or at least it might not be good enough (Vercelli and Martinez). 2006;117:1303-5 (Editorial)
Genetic polymorphisms in arginase I and II and childhood asthma and atopy (Li et al). 2006;117:119-26
**Genetics**
The Faustian bargain of genetic association studies: bigger might not be better, or at least it might not be good enough (Vercelli and Martinez). 2006;117:1303-5 (Editorial)
Genetic epidemiology of health disparities in allergy and clinical immunology (Barnes). 2006;117:243-54 (Review)
Genetics on the pathway to asthma and allergy (Leung et al). 2006;117:232 (The editors' choice)
The influence of health disparities on individual patient outcomes: What is the link between genes and environment? (Apter). 2006;117:345-50 (Editorial)
**Genotype**
Association of asthma with a functional promoter polymorphism in the *IL16* gene (Burkart et al). 2006;117:86-91
Effect of genotype on responses to enantiomers and the significance of the eudismic analysis in asthma research (Ameredes and Panettieri). 2006;117:712-3 (Letter reply)
Effect of genotype on responses to enantiomers and the significance of the eudismic analysis in asthma research (Jalba). 2006;117:712 (Correspondence)
**Ghrelin**
Ghrelin and leptin: A link between obesity and allergy? (Matsuda et al). 2006;117:705-6 (Letters to the editor)
**Glucocorticoids**
Reversing a defect in glucocorticoid-resistant asthma patients (Zweiman and Rothenberg). 2006;117:719 (Beyond our pages)
Staphylococcal enterotoxin B inhibits regulatory T cells by inducing glucocorticoid-induced TNF receptor-related protein ligand on monocytes (Cardona et al). 2006;117:688-95
Update on glucocorticoid action and resistance (Ito et al). 2006;117:522-43 (Review)
**Gob-5 protein;** *see* Chloride channels; Mucoproteins
**Goblet cells**
Mucous production (Zweiman and Rothenberg). 2006;117:1200 (Beyond our pages)
**Gonadal steroid hormones**
Endogenous and exogenous sex steroid hormones and asthma and wheeze in young women (Salam et al). 2006;117:1001-7
**GPR154;** *see* Receptors, G-protein-coupled
**G protein-coupled receptor 154;** *see* Receptors, G-protein-coupled
**Granuloma**
Etanercept treatment of cutaneous granulomas in common variable immunodeficiency (Lin et al). 2006;117:878-82 (Case study)
**Grasses**
The dose-response in sublingual immunotherapy with grass pollen extract (Leung et al). 2006;117:723 (The editors' choice)
Dose-response to grass pollen extract immunotherapy (Leung et al). 2006;117:232 (The editors' choice)
Efficacy and safety of specific immunotherapy with SQ allergen extract in treatment-resistant seasonal allergic rhinoconjunctivitis (Frew et al). 2006;117:319-25
Grass pollen immunotherapy as an effective therapy for childhood seasonal allergic asthma (Roberts et al). 2006;117:263-8
Spatial clustering of the IgE epitopes on the major timothy grass pollen allergen Phl p 1: importance for allergenic activity (Flicker et al). 2006;117:1336-43
Sublingual immunotherapy with once-daily grass allergen tablets: A randomized controlled trial in seasonal allergic rhinoconjunctivitis (Durham et al). 2006;117:802-9

## H

**Hay fever**
A defect in nasal mucosal water homeostasis detected? (Leung et al). 2006;117:1201 (The editors' choice)
Dissecting the effect of farm exposure on allergy (Leung et al). 2006;117:1202 (The editors' choice)
The dose-response in sublingual immunotherapy with grass pollen extract (Leung et al). 2006;117:723 (The editors' choice)
Dose-response to grass pollen extract immunotherapy (Leung et al). 2006;117:232 (The editors' choice)
Efficacy and safety of specific immunotherapy with SQ allergen extract in treatment-resistant seasonal allergic rhinoconjunctivitis (Frew et al). 2006;117:319-25

A genome-wide search for quantitative trait loci contributing to variation in seasonal pollen reactivity (Blumenthal et al). 2006;117: 79-85
Grass pollen immunotherapy as an effective therapy for childhood seasonal allergic asthma (Roberts et al). 2006;117:263-8
IL-15 prevents allergic rhinitis through reactivation of antigen-specific $CD8^+$ cells (Aoi et al). 2006;117: 1359-66
Omalizumab pretreatment decreases acute reactions after rush immunotherapy for ragweed-induced seasonal allergic rhinitis (Casale et al). 2006;117: 134-40
Renaissance of the hygiene hypothesis (Liu and Leung). 2006;117:1063-6 (Editorial)
Seasonal sensorineural hearing loss associated with allergic rhinitis: A case report (Lombardi et al). 2006;117:468-9 (Letters to the editor)
Sublingual immunotherapy with once-daily grass allergen tablets: A randomized controlled trial in seasonal allergic rhinoconjunctivitis (Durham et al). 2006;117:802-9

**Health care utilization**
Predictors of asthma-related health care utilization and quality of life among inner-city patients with asthma (Leung et al) 2005;116:636-42. Correction 2006;117:1140

**Health surveys**
Asthma Control Test: Reliability, validity, and responsiveness in patients not previously followed by asthma specialists (Schatz et al). 2006;117: 549-56

**Hearing loss, sensorineural**
Seasonal sensorineural hearing loss associated with allergic rhinitis: A case report (Lombardi et al). 2006;117:468-9 (Letters to the editor)

**Helium**
Helium/oxygen-driven albuterol nebulization in the treatment of asthma exacerbations in children (Zweiman and Rothenberg). 2006;117:230 (Beyond our pages)

**Herpes simplex**
Cathelicidin deficiency predisposes to eczema herpeticum (Howell et al). 2006;117:836-41

**Histamine**
Evidence for a reduced histamine degradation capacity in a subgroup of patients with atopic eczema (Maintz et al). 2006;117:1106-12
Plasma of patients with chronic urticaria shows signs of thrombin generation, and its intradermal injection causes wheal-and-flare reactions much more frequently than autologous serum (Asero et al). 2006;117:1113-7

**Histone deacetylases**
Increased glucocorticoid receptor–β expression, but not decreased histone deacetylase 2, in severe asthma (Bergeron et al). 2006;117:703-5 (Letters to the editor)

**History of medicine**
Anaphylaxis and American Academy of Allergy, Asthma, and Immunology (Lieberman et al). 2006;117:478-82 (The allergy archives)
Henry N. Claman, MD: Identification of cellular cooperation in antibody production (Dreskin). 2006;117:959-60 (The allergy archives)
Identification of cellular cooperation in antibody production (Kirkpatrick). 2006;117:960-2 (The allergy archives)
Thymocytes and bone marrow cells in 1966: Where did we go from there? (Marrack). 2006;117:962-4 (The allergy archives)

**HIV infection**
Association of $CD4^+$ T-lymphocyte counts and new thymic emigrants in HIV-infected children during successful highly active antiretroviral therapy (Saitoh et al). 2006;117:909-15

**Homeostasis**
A defect in nasal mucosal water homeostasis detected? (Leung et al). 2006;117:1201 (The editors' choice)

**Hong Kong**
Analysis of TGF-$\beta_1$ gene polymorphisms in Hong Kong Chinese patients with asthma (Mak et al). 2006;117:92-6

**Hospitalization**
The September epidemic of asthma hospitalization: School children as disease vectors (Johnston et al). 2006;117:557-62
The widening black/white gap in asthma hospitalizations and mortality (Gupta et al). 2006;117:351-8

**Hygiene hypothesis;** *see also* Environmental exposure
Disconnection of man and the soil: Reason for the asthma and atopy epidemic? (von Hertzen and Haahtela). 2006;117:334-44 (Review)
The many faces of the hygiene hypothesis (Schaub et al). 2006;117:969-77 (Review)
Renaissance of the hygiene hypothesis (Liu and Leung). 2006;117:1063-6 (Editorial)

***Hymenoptera***
Clinical and entomological factors influence the outcome of sting challenge studies (Golden et al). 2006;117:670-5
Subject and insect variables affect outcome of *Hymenoptera* stings (Leung et al). 2006;117:485 (The editors' choice)

**Hypereosinophilic syndrome;** *see* Eosinophilia

**Hypersensitivity, immediate**
The contribution of major and minor determinants from benzylpenicillin to the diagnosis of immediate allergy to β-lactams (Bousquet and Demoly). 2006;117:220-1 (Letter reply)
The contribution of major and minor determinants from benzylpenicillin to the diagnosis of immediate allergy to β-lactams (Torres and Blanca). 2006;117:220-1 (Correspondence)

**Hypotension**
Evaluation of near-fatal reactions to allergen immunotherapy injections (Amin et al). 2006;117: 169-75

I

**Ibuprofen**
The prevalence of ibuprofen-sensitive asthma in children (Zweiman and Rothenberg). 2006;117: 229 (Beyond our pages)

**IgE**
Abrogation of allergic reactions by a bispecific antibody fragment linking IgE to CD300a (Bachelet et al). 2006;117:1314-20
Accuracy of US Food and Drug Administration–cleared IgE antibody assays in the presence of anti-IgE (omalizumab) (Hamilton). 2006;117:759-66
Antigen selection in the IgE response of allergic and nonallergic individuals (Dahlke et al). 2006;117: 1477-83
Anti-IgE: lessons learned from effects on airway inflammation and asthma exacerbation (Fahy). 2006;117:1230-2 (Review)
Anti-IgE as a mast cell-stabilizing therapeutic agent (Chang and Shiung). 2006;117:1203-12 (Review)
Anti-IgE as an adjunct to allergen immunotherapy (Leung et al). 2006;117:2 (The editors' choice)
Are atopy and specific IgE to mites and molds important for adult asthma? (Jaakkola et al). 2006;117:642-8
Association of *IL13* with total IgE: evidence against an inverse association of atopy and diabetes (Maier et al). 2006;117:1306-13
Bites of the European pigeon tick *(Argas reflexus):* Risk of IgE-mediated sensitizations and anaphylactic reactions (Kleine-Tebbe et al). 2006;117:190-5
Bla g 6: a troponin C allergen from *Blattella germanica* with IgE binding calcium dependence (Hindley et al). 2006;117:1389-95
Downregulation of IgE antibody and allergic responses in the lung by epidermal biolistic microparticle delivery (Kendall et al). 2006;117: 275-82
Eotaxin polymorphisms and serum total IgE levels in children with asthma (Raby et al). 2006;117: 298-305
Gene-gene interactions for asthma and plasma total IgE concentration in Chinese children (Chan et al). 2006;117:127-33
IgE memory: Persistence of antigen-specific IgE responses years after treatment of human filarial infections (Mitre and Nutman). 2006;117:939-45
IL-4/IL-13 pathway genetics strongly influence serum IgE levels and childhood asthma (Kabesch et al). 2006;117:269-74
Immunotherapy mechanism (Zweiman and Rothenberg). 2006;117:1517 (Beyond our pages)
Is occupational asthma to diisocyanates a non–IgE-mediated disease? (Jones et al). 2006;117:663-9
Omalizumab pretreatment decreases acute reactions after rush immunotherapy for ragweed-induced seasonal allergic rhinitis (Casale et al). 2006;117: 134-40
Parental tobacco smoking is associated with augmented IL-13 secretion in children with allergic asthma (Feleszko et al). 2006;117:97-102
Prophylactic and therapeutic intervention in IgE responses by biolistic DNA vaccination primarily targeting dendritic cells (Sudowe et al). 2006;117: 196-203
Serologic monitoring of patients receiving anti-IgE therapy (Leung et al). 2006;117:723 (The editors' choice)
Skin prick test to egg white provides additional diagnostic utility to serum egg white–specific IgE antibody concentration in children (Knight et al). 2006;117:842-7
Spatial clustering of the IgE epitopes on the major timothy grass pollen allergen Phl p 1: importance for allergenic activity (Flicker et al). 2006;117: 1336-43
Successful treatment of cold-induced urticaria/anaphylaxis with anti-IgE (Boyce). 2006;117:1415-8 (Case study)
Three-dimensional structure and IgE-binding properties of mature fully active Der p 1, a clinically relevant major allergen (de Halleux et al). 2006;117:571-6
Two cases of anaphylaxis caused by perilla seed (Jeong). 2006;117:1505-6 (Letters to the editor)

**IgG**
Etanercept—an effective treatment in refractory asthma? (Zweiman and Rothenberg). 2006;117: 1516-7 (Beyond our pages)
Etanercept treatment of cutaneous granulomas in common variable immunodeficiency (Lin et al). 2006;117:878-82 (Case study)
Immunotherapy mechanism (Zweiman and Rothenberg). 2006;117:1517 (Beyond our pages)
Omalizumab pretreatment decreases acute reactions after rush immunotherapy for ragweed-induced seasonal allergic rhinitis (Casale et al). 2006;117: 134-40
Understanding the pathophysiology of severe asthma to generate new therapeutic opportunities (Holgate et al). 2006;117:496-506 (Review)

**I-kappa B proteins**
Acute *Pseudomonas* challenge in cystic fibrosis mice causes prolonged nuclear factor-κB activation, cytokine secretion, and persistent lung inflammation (Saadane et al). 2006;117:1163-9

**Immune response**
Antigen selection in the IgE response of allergic and nonallergic individuals (Dahlke et al). 2006;117: 1477-83

Biological material on inhaled coarse fraction particulate matter activates airway phagocytes *in vivo* in healthy volunteers (Alexis et al). 2006; 117:1396-403

The complement component C3 plays a critical role in both $T_H1$ and $T_H2$ responses to antigen (Yalcindag et al). 2006;117:1455-61

Dominance of human innate immune responses in primary *Francisella tularensis* live vaccine strain vaccination (Fuller et al). 2006;117:1186-8 (Letters to the editor)

Immunologic risk factors for wheezing in infancy (Leung et al). 2006;117:2 (The editors' choice)

The many faces of the hygiene hypothesis (Schaub et al). 2006;117:969-77 (Review)

Socioeconomic status and inflammatory processes in childhood asthma: the role of psychological stress (Chen et al). 2006;117:1014-20

Toll-like receptor 2 ligands inhibit $T_H2$ responses to mite allergen (Taylor et al). 2006;117:1148-54

Toll-like receptor ligands and atopy: a coin with at least two sides (Horner). 2006;117:1133-40

**Immune system**

Bug juice (Zweiman and Rothenberg). 2006;117:719 (Beyond our pages)

Thymocytes and bone marrow cells in 1966: Where did we go from there? (Marrack). 2006;117:962-4 (The allergy archives)

**Immune tolerance**

Hierarchical suppression of asthma-like responses by mucosal tolerance (Keller et al). 2006;117:283-90

House dust extracts have both $T_H2$ adjuvant and tolerogenic activities (Ng et al). 2006;117:1074-81

Low zone tolerance induced by systemic application of allergens inhibits $T_C1$-mediated skin inflammation (Seidel-Guyenot et al). 2006;117:1170-7

**Immunity**

New mouse Ig receptor identified: FcγIV (Zweiman and Rothenberg). 2006;117:229 (Beyond our pages)

Toll-like receptor function and signaling (Kaisho et al). 2006;117:979-87 (Review)

**Immunity, mucosal**

Hierarchical suppression of asthma-like responses by mucosal tolerance (Keller et al). 2006;117:283-90

**Immunity, natural (innate)**

Decreased $CD4^+$ lymphocytes and innate immune responses in adults with previous extrapulmonary tuberculosis (Antas et al). 2006;117:916-23

Ig-superfamily diversity in insects (Zweiman and Rothenberg). 2006;117:230 (Beyond our pages)

Innate immunity for biodefense: A strategy whose time has come (Amlie-Lefond et al) (2005;116: 1334-42) Correction 2006;117:923

Prenatal farm exposure and gene regulation in innate immunity (Leung et al). 2006;117:724 (The editors' choice)

Prenatal farm exposure is related to the expression of receptors of the innate immunity and to atopic sensitization in school-age children (Ege et al). 2006;117:817-23

**Immunodeficiency;** *see* Immunologic deficiency syndromes

**Immunogenicity**

Der p 1 peptide on virus-like particles is safe and highly immunogenic in healthy adults (Kündig et al). 2006;117:1470-76

**Immunoglobulin class-switching**

Defects of class-switch recombination (Notarangelo et al). 2006;117:855-64 (Review)

**Immunoglobulins**

Leukotriene $D_4$ enhances immunoglobulin production in CD40-activated human B lymphocytes (Lamoureux et al). 2006;117:924-30

**Immunoglobulins, intravenous**

The use of intravenous immunoglobulin in human disease: a review of evidence by members of the Primary Immunodeficiency Committee of the American Academy of Allergy, Asthma and Immunology (Orange et al) 2006;117:S525-53. Correction 2006;117:1483

**Immunologic deficiency syndromes**

Erythroderma and eosinophilia in severe combined immunodeficiency (Leung et al). 2006;117:724 (The editors' choice)

Etanercept treatment of cutaneous granulomas in common variable immunodeficiency (Lin et al). 2006;117:878-82 (Case study)

Gene therapy for immune disorders: Good news tempered by bad news (Puck and Malech). 2006;117:865-9 (Review)

The last 80 years in primary immunodeficiency: How far have we come, how far need we go? (Shearer and Fischer). 2006;117:748-52 (Editorial)

Molecular basis of common variable immunodeficiency (Castigli and Geha). 2006;117: 740-6 (Review)

Mutations in the RNA component of RNase mitochondrial RNA processing might cause Omenn syndrome (Roifman et al). 2006;117: 897-903

Primary immunodeficiency diseases: An update from the International Union of Immunological Societies Primary Immunodeficiency Diseases Classification Committee Meeting in Budapest, 2005 (Notarangelo et al). 2006;117: 883-96

Primary immunodeficiency or not? Making the correct diagnosis (Buckley). 2006;117:756-8

TACI mutation with invasive polyclonal $CD8^+$ T-cell lymphoproliferation in a patient with common variable immunodeficiency (Berglund et al). 2006;117:870-7 (Case study)

The use of intravenous immunoglobulin in human disease: a review of evidence by members of the Primary Immunodeficiency Committee of the American Academy of Allergy, Asthma and Immunology (Orange et al) 2006;117:S525-53. Correction 2006;117:1483

**Immunology**
Henry N. Claman, MD: Identification of cellular cooperation in antibody production (Dreskin). 2006;117:959-60 (The allergy archives)
Identification of cellular cooperation in antibody production (Kirkpatrick). 2006;117:960-2 (The allergy archives)
Thymocytes and bone marrow cells in 1966: Where did we go from there? (Marrack). 2006;117:962-4 (The allergy archives)
**Immunosuppression**
Cyclophosphamide augments inflammation by reducing immunosuppression in a mouse model of allergic airway disease (Su et al). 2006;117:635-41
**Immunosuppressive agents**
The "black box" warning and allergy drugs (Aaronson). 2006;117:40-4 (Rostrum)
**Immunotherapy**
Advances in upper airway diseases and allergen immunotherapy (Nelson). 2006;117:1047-53 (Review)
Anti-IgE as an adjunct to allergen immunotherapy (Leung et al). 2006;117:2 (The editors' choice)
Der p 1 peptide on virus-like particles is safe and highly immunogenic in healthy adults (Kündig et al). 2006;117:1470-76
The dose-response in sublingual immunotherapy with grass pollen extract (Leung et al). 2006;117:723 (The editors' choice)
Dose-response to grass pollen extract immunotherapy (Leung et al). 2006;117:232 (The editors' choice)
Double-blind, placebo-controlled study with a modified therapeutic vaccine of *Salsola kali* (Russian thistle) administered through use of a cluster schedule (Colás et al). 2006;117:810-6
Efficacy and safety of specific immunotherapy with SQ allergen extract in treatment-resistant seasonal allergic rhinoconjunctivitis (Frew et al). 2006;117:319-25
Evaluation of near-fatal reactions to allergen immunotherapy injections (Amin et al). 2006;117:169-75
Grass pollen immunotherapy as an effective therapy for childhood seasonal allergic asthma (Roberts et al). 2006;117:263-8
Immunotherapy mechanism (Zweiman and Rothenberg). 2006;117:1517 (Beyond our pages)
Near-fatal reactions to immunotherapy (Leung et al). 2006;117:2 (The editors' choice)
Omalizumab pretreatment decreases acute reactions after rush immunotherapy for ragweed-induced seasonal allergic rhinitis (Casale et al). 2006;117:134-40
Quantitative assessment of the compliance with a once-daily sublingual immunotherapy regimen in real life (EASY Project: Evaluation of A novel SLIT formulation during a Year) (Passalacqua et al). 2006;117:946-8 (Letters to the editor)
Sublingual immunotherapy: a comprehensive review (Cox et al). 2006;117:1021-35 (Task Force Report)
Sublingual immunotherapy with once-daily grass allergen tablets: A randomized controlled trial in seasonal allergic rhinoconjunctivitis (Durham et al). 2006;117:802-9
**Indigestion;** *see* Dyspepsia
**Inducible T-cell kinase;** *see* Protein tyrosine kinase
**Infant, very low birth weight**
Asthma in extremely low–birth-weight children (Zweiman and Rothenberg). 2006;117:229 (Beyond our pages)
**Infants;** *see also* Asthma, pediatric; Breast feeding
Bidirectional interactions between viral respiratory illnesses and cytokine responses in the first year of life (Gern et al). 2006;117:72-8
Cortisol circadian rhythms and stress responses in infants at risk of allergic disease (Ball et al). 2006;117:306-11
Differential effects of risk factors on infant wheeze and atopic dermatitis emphasize a different etiology (Linneberg et al). 2006;117:184-9
Immunologic risk factors for wheezing in infancy (Leung et al). 2006;117:2 (The editors' choice)
Incidence of parentally reported and clinically diagnosed food hypersensitivity in the first year of life (Venter et al). 2006;117:1118-24
Infant formulas for primary allergy prevention (Friedman and Zeiger). 2006;117:472 (Letter reply)
Infant formulas for primary allergy prevention (Hays). 2006;117:471-2 (Correspondence)
Infants and toddlers without asthma with eczema have elevated exhaled nitric oxide levels (Dinakar et al). 2006;117:212-3 (Letters to the editor)
Wheezing in patients with human metapneumovirus infection (Schildgen et al). 2006;117:223 (Correspondence)
Wheezing in patients with human metapneumovirus infection (Williams et al). 2006;117:223-4 (Letter reply)
**Infections;** *see also specific infections*
The many faces of the hygiene hypothesis (Schaub et al). 2006;117:969-77 (Review)
Renaissance of the hygiene hypothesis (Liu and Leung). 2006;117:1063-6 (Editorial)
**Inflammation;** *see also* Airway inflammation
Absence of T-regulatory cell expression and function in atopic dermatitis skin (Verhagen et al). 2006;117:176-83
The antimicrobial peptide LL-37 enhances IL-8 release by human airway smooth muscle cells (Zuyderduyn et al). 2006;117:1328-35
Biological material on inhaled coarse fraction particulate matter activates airway phagocytes *in vivo* in healthy volunteers (Alexis et al). 2006;117:1396-403
The Faustian bargain of genetic association studies: bigger might not be better, or at least it might not be

good enough (Vercelli and Martinez). 2006;117: 1303-5 (Editorial)
How about those basophils! (Zweiman and Rothenberg). 2006;117:966 (Beyond our pages)
Mast cell biology in evolution (Metcalfe and Boyce). 2006;117:1227-9 (Editorial)
Molecular regulation of mast cell activation (Rivera and Gilfillan). 2006;117:1214-25 (Review)
Nasal inflammation and personal exposure to fine particles (2.5 μm in diameter) in asthmatic children (Nikasinovic et al). 2006;117:1382-8
Neurotrophins in allergic diseases: From neuronal growth factors to intercellular signaling molecules (Nockher and Renz). 2006;117:583-9
Role of CCL21 and CCL19 in allergic inflammation in the ovalbumin-specific murine asthmatic model (Yamashita et al). 2006;117:1040-6
Socioeconomic status and inflammatory processes in childhood asthma: the role of psychological stress (Chen et al). 2006;117:1014-20
Toll-like receptor agonists differentially regulate cysteinyl-leukotriene receptor 1 expression and function in human dendritic cells (Thivierge et al). 2006;117:1155-62

**Inflammatory bowel diseases**
Chitin (Zweiman and Rothenberg). 2006;117:1517 (Beyond our pages)
No decoy this time (Zweiman and Rothenberg). 2006;117:484 (Beyond our pages)

**Influenza, avian**
Should physicians prescribe oseltamivir on patient request? (Zweiman and Rothenberg). 2006;117: 1200 (Beyond our pages)

**Influenza vaccine**
Adverse reactions following intranasal influenza vaccine (Zweiman and Rothenberg). 2006;117:718 (Beyond our pages)

**Informed consent**
The "black box" warning and allergy drugs (Aaronson). 2006;117:40-4 (Rostrum)

**Inhalers;** *see* Nebulizers and inhalers

**Inhibin-beta subunits**
Activin A is an acute allergen-responsive cytokine and provides a link to TGF-β-mediated airway remodeling in asthma (Karagiannidis et al). 2006;117:111-8

**Inner-city health;** *see* Urban health

**Insect bites and stings;** *see also Hymenoptera*
Allergic reactions to insect stings: results from a national survey of 10,000 junior high school children in Israel (Graif et al). 2006;117: 1435-9
Bedbug bites masquerading as urticaria (Scarupa and Economides). 2006;117:1508-9 (Letters to the editor)
Bites of the European pigeon tick *(Argas reflexus):* Risk of IgE-mediated sensitizations and anaphylactic reactions (Kleine-Tebbe et al). 2006;117:190-5
Clinical and entomological factors influence the outcome of sting challenge studies (Golden et al). 2006;117:670-5
Subject and insect variables affect outcome of *Hymenoptera* stings (Leung et al). 2006;117:485 (The editors' choice)

**Insects**
Ig-superfamily diversity in insects (Zweiman and Rothenberg). 2006;117:230 (Beyond our pages)

**Insurance claim reporting**
CPT coding for the allergist (Gross). 2006;117:257-8 (Editorial)

**Integrins**
Eosinophil $\beta_1$ integrin activation state correlates with asthma activity in a blind study of inhaled corticosteroid withdrawal (Johansson et al). 2006;117:1502-4 (Letters to the editor)

**Intensive care units, pediatric**
Patterns of intensive care treatment for severe acute asthma in children (Zweiman and Rothenberg). 2006;117:230 (Beyond our pages)

**Interferons**
Associations of cord blood fatty acids with lymphocyte proliferation, IL-13, and IFN-γ (Gold et al). 2006;117:931-8
Bidirectional interactions between viral respiratory illnesses and cytokine responses in the first year of life (Gern et al). 2006;117:72-8
Parental tobacco smoking is associated with augmented IL-13 secretion in children with allergic asthma (Feleszko et al). 2006;117: 97-102
Type I interferons mediate CD8 cell expansion and memory (Zweiman and Rothenberg). 2006;117: 229-30 (Beyond our pages)

**Interleukin-4 (IL-4)**
IgE memory: Persistence of antigen-specific IgE responses years after treatment of human filarial infections (Mitre and Nutman). 2006;117: 939-45
IL-4/IL-13 pathway genetics strongly influence serum IgE levels and childhood asthma (Kabesch et al). 2006;117:269-74
Mast cells regulates procollagen I ($\alpha_1$) production by bronchial fibroblasts derived from subjects with asthma through IL-4/IL-4δ2 ratio (Plante et al). 2006;117:1321-7

**Interleukin-5 (IL-5)**
Parental tobacco smoking is associated with augmented IL-13 secretion in children with allergic asthma (Feleszko et al). 2006;117:97-102

**Interleukin-8 (IL-8)**
The antimicrobial peptide LL-37 enhances IL-8 release by human airway smooth muscle cells (Zuyderduyn et al). 2006;117:1328-35

**Interleukin-12 (IL-12)**
Parental tobacco smoking is associated with augmented IL-13 secretion in children with allergic asthma (Feleszko et al). 2006;117:97-102

**Interleukin-13 (IL-13)**
Association of *IL13* with total IgE: evidence against an inverse association of atopy and diabetes (Maier et al). 2006;117:1306-13
Associations of cord blood fatty acids with lymphocyte proliferation, IL-13, and IFN-γ (Gold et al). 2006;117:931-8
Bidirectional interactions between viral respiratory illnesses and cytokine responses in the first year of life (Gern et al). 2006;117:72-8
$CD8^+$ T lymphocytes and leukotriene $B_4$: Novel interactions in the persistence and progression of asthma (Gelfand and Dakhama). 2006;117:577-82 (Rostrum)
IL-4/IL-13 pathway genetics strongly influence serum IgE levels and childhood asthma (Kabesch et al). 2006;117:269-74
Parental tobacco smoking is associated with augmented IL-13 secretion in children with allergic asthma (Feleszko et al). 2006;117: 97-102
Selective downregulation of prostaglandin $E_2$-related pathways by the $T_H2$ cytokine IL-13 (Trudeau et al). 2006;117:1446-54

**Interleukin-15 (IL-15)**
IL-15 prevents allergic rhinitis through reactivation of antigen-specific $CD8^+$ cells (Aoi et al). 2006;117: 1359-66

**Interleukin-16 (IL-16)**
Association of asthma with a functional promoter polymorphism in the *IL16* gene (Burkart et al). 2006;117:86-91

**Interleukin-17 (IL-17)**
IL-17E upregulates the expression of proinflammatory cytokines in lung fibroblasts (Létuvé et al). 2006;117:590-6
IL-17F sequence variant (His161Arg) is associated with protection against asthma and antagonizes wild-type IL-17F activity (Kawaguchi et al). 2006;117:795-801
Unique regulation and role of IL-17 (Zweiman and Rothenberg). 2006;117:230 (Beyond our pages)

**Interleukin-31 (IL-31)**
IL-31: A new link between T cells and pruritus in atopic skin inflammation (Sonkoly et al). 2006;117:411-7
IL-31 is associated with cutaneous lymphocyte antigen–positive skin homing T cells in patients with atopic dermatitis (Bilsborough et al) 2006;117:418-25. Correction 2006; 117:1124
IL-31 links T cells and itch in atopy (Leung et al). 2006;117:231 (The editors' choice)
Scratching the itch in atopic dermatitis: Will inhibiting IL-31 be key? (Leung et al). 2006;117:231 (The editors' choice)

**Intravenous immunoglobulin;** *see* Immunoglobulins, intravenous

**Isocyanates**
Is occupational asthma to diisocyanates a non–IgE-mediated disease? (Jones et al). 2006;117:663-9

**Itching**
IL-31: A new link between T cells and pruritus in atopic skin inflammation (Sonkoly et al). 2006;117:411-7
IL-31 links T cells and itch in atopy (Leung et al). 2006;117:231 (The editors' choice)
Scratching the itch in atopic dermatitis: Will inhibiting IL-31 be key? (Leung et al). 2006;117:231 (The editors' choice)

**K**

**Kallikreins**
Anaphylactic reaction and antibodies to DX-88 (kallikrein inhibitor) in a patient with hereditary angioedema (Beck and Baird). 2006;117:477 (Letter reply); Caballero and López-Serrano). 2006;117:476-7 (Correspondence)

**Killer cells, natural**
Enhanced frequency of immunoregulatory invariant natural killer T cells in the airways of children with asthma (Pham-Thi et al). 2006;117:217-8 (Letters to the editor)

**L**

**Langerhans cells;** *see* Dendritic cells

**Lansoprazole**
Hypersensitivity to lansoprazole and rabeprazole with tolerance to other proton pump inhibitors (Pimiento et al). 2006;117:707-8 (Letters to the editor)

**Laryngoscopy**
Ortho-phthalaldehyde-induced anaphylaxis after laryngoscopy (Suzukawa et al). 2006;117:1500-1 (Letters to the editor)

**Latex hypersensitivity**
Environment-induced reactivity against autoallergens: possible role of latex (Guarneri et al). 2006;117: 957-8 (Correspondence)

**Leptin**
Ghrelin and leptin: A link between obesity and allergy? (Matsuda et al). 2006;117:705-6 (Letters to the editor)

**Letters to the editor;** *see also* Correspondence
Airway inflammation in occupational asthma caused by styrene (Fernández-Nieto et al). 2006;117: 948-50
Asthma attacks induced by low doses of celecoxib, aspirin, and acetaminophen (Baldassarre et al). 2006;117:215-7
Bedbug bites masquerading as urticaria (Scarupa and Economides). 2006;117:1508-9
Deep inhalation bronchoprotection in asthma: Correlation with airway responsiveness (Cockcroft and Davis). 2006;117:951-2
Diagnostic accuracy of skin prick testing in children with tree nut allergy (Ho et al). 2006;117:1506-8

Dominance of human innate immune responses in primary *Francisella tularensis* live vaccine strain vaccination (Fuller et al). 2006;117: 1186-8
Enhanced frequency of immunoregulatory invariant natural killer T cells in the airways of children with asthma (Pham-Thi et al). 2006;117:217-8
Eosinophil $\beta_1$ integrin activation state correlates with asthma activity in a blind study of inhaled corticosteroid withdrawal (Johansson et al). 2006;117:1502-4
Ghrelin and leptin: A link between obesity and allergy? (Matsuda et al). 2006;117:705-6
Hypersensitivity to lansoprazole and rabeprazole with tolerance to other proton pump inhibitors (Pimiento et al). 2006;117:707-8
Increased glucocorticoid receptor–β expression, but not decreased histone deacetylase 2, in severe asthma (Bergeron et al). 2006;117:703-5
Infants and toddlers without asthma with eczema have elevated exhaled nitric oxide levels (Dinakar et al). 2006;117:212-3
Inflammatory response of the airway to inhaled endotoxin correlates with body mass index in atopic patients with asthma but not in normal volunteers (Alexis and Peden). 2006;117: 1185-6
The leukotriene C4 synthase (A-444C) promoter polymorphism is associated with the severity of exercise-induced asthma in Korean children (Kim et al). 2006;117:1191-2
Obesity and airway inflammation in asthma (Barros et al). 2006;117:1501-2
Omalizumab dosing via the recommended card versus use of the published formula (Rambasek and Kavuru). 2006;117:708-9
Ortho-phthalaldehyde-induced anaphylaxis after laryngoscopy (Suzukawa et al). 2006;117:1500-1
Parecoxib tolerability in patients with hypersensitivity to nonsteroidal antiinflammatory drugs (Viola et al). 2006;117:1189-90
Prolonged elevation of serum tryptase in idiopathic anaphylaxis (Shanmugam et al). 2006;117:950-1
Prostate-specific antigen as allergen in human seminal plasma allergy (Weidinger et al). 2006;117:213-5
Quantitative assessment of the compliance with a once-daily sublingual immunotherapy regimen in real life (EASY Project: Evaluation of A novel SLIT formulation during a Year) (Passalacqua et al). 2006;117:946-8
Safety of methacholine challenges in a multicenter pediatric asthma study (Covar et al). 2006;117: 709-11
Seasonal sensorineural hearing loss associated with allergic rhinitis: A case report (Lombardi et al). 2006;117:468-9
A second dose of epinephrine for anaphylaxis: How often needed and how to carry (Kelso). 2006;117: 464-5
Systemic reactions during skin tests with β-lactams: A risk factor analysis (Co Minh et al). 2006;117: 466-7
Two cases of accidental epinephrine injection into a finger (Skorpinski et al). 2006;117:463-4
Two cases of anaphylaxis caused by perilla seed (Jeong). 2006;117:1505-6

**Leukotrienes**
$CD8^+$ T lymphocytes and leukotriene $B_4$: Novel interactions in the persistence and progression of asthma (Gelfand and Dakhama). 2006;117:577-82 (Rostrum)
The leukotriene C4 synthase (A-444C) promoter polymorphism is associated with the severity of exercise-induced asthma in Korean children (Kim et al). 2006;117:1191-2 (Letters to the editor)
Leukotriene $D_4$ enhances immunoglobulin production in CD40-activated human B lymphocytes (Lamoureux et al). 2006;117:924-30
Leukotriene pathways and the variation in clinical response to montelukast in asthmatic patients (Zweiman and Rothenberg). 2006;117:1516 (Beyond our pages)

**Life style**
Which aspects of the farming lifestyle explain the inverse association with childhood allergy? (Perkin and Strachan). 2006;117:1374-81

**Ligands**
Toll-like receptor 2 ligands inhibit $T_H2$ responses to mite allergen (Taylor et al). 2006;117:1148-54
Toll-like receptor ligands and atopy: a coin with at least two sides (Horner). 2006;117:1133-40

**Linkage disequilibrium**
Analysis of TGF-$\beta_1$ gene polymorphisms in Hong Kong Chinese patients with asthma (Mak et al). 2006;117:92-6

**Lipid transfer protein**
Cabbage lipid transfer protein Bra o 3 is a major allergen responsible for cross-reactivity between plant foods and pollens (Palacin et al). 2006;117: 1423-9

**Lipopolysaccharides**
Confounding effect of atopy on functional effects of the CD14/-159 promoter polymorphism (Böttcher et al). 2006;117:220 (Letter reply)
Bruton's tyrosine kinase is not essential for LPS-induced activation of human monocytes (de Diego et al). 2006;117:1462-9
Confounding effect of atopy on functional effects of the CD14/-159 promoter polymorphism (Reijmerink et al). 2006;117:219 (Correspondence)

**Live vaccine**
Dominance of human innate immune responses in primary *Francisella tularensis* live vaccine strain vaccination (Fuller et al). 2006;117:1186-8 (Letters to the editor)

**LL-37;** *see* Antimicrobial cationic peptides

**Lung**
Does regional lung deposition of inhaled β-agonists determine bronchodilator responses? (Zweiman and Rothenberg). 2006;117:965 (Beyond our pages)
IL-17E upregulates the expression of proinflammatory cytokines in lung fibroblasts (Létuvé et al). 2006;117:590-6
**Lung diseases, obstructive**
Are phosphodiesterase 4 inhibitors just more theophylline? (Boswell-Smith et al). 2006;117:1237-1243 (Review)
Cytokine production by bronchoalveolar lavage T lymphocytes in chronic obstructive pulmonary disease (Barczyk et al). 2006;117:1484-92
Effect of codeine on objective measurement of cough in chronic obstructive pulmonary disease (Smith et al). 2006;117:831-5
**Lung function**
Bronchodilation and bronchoconstriction: predictors of future lung function in childhood asthma (Tantisira et al). 2006;117:1264-71
Downregulation of IgE antibody and allergic responses in the lung by epidermal biolistic microparticle delivery (Kendall et al). 2006;117:275-82
Estrogen receptor 1 polymorphisms are associated with airway hyperresponsiveness and lung function decline, particularly in female subjects with asthma (Dijkstra et al). 2006;117:604-11
**Lung inflammation;** *see* Pneumonia
**Lymphocytes**
Associations of cord blood fatty acids with lymphocyte proliferation, IL-13, and IFN-γ (Gold et al). 2006;117:931-8
Thymocytes and bone marrow cells in 1966: Where did we go from there? (Marrack). 2006;117:962-4 (The allergy archives)
**Lymphocytic choriomeningitis virus**
Waking up exhausted T cells (Zweiman and Rothenberg). 2006;117:1200 (Beyond our pages)

**M**

**MAb;** *see* Monoclonal antibodies
**Macrolides**
Macrolide antibiotics and asthma treatment (Johnston). 2006;117:1233-6 (Review)
**Macrophages**
No SHIP (Zweiman and Rothenberg). 2006;117:484 (Beyond our pages)
**Magnesium sulfate**
The use of magnesium sulfate in acute asthma: Rapid uptake of evidence in North American emergency departments (Rowe and Camargo). 2006;117:53-8
**Maize;** *see Zea mays*
**Manganese superoxide dismutase**
Environment-induced reactivity against autoallergens: possible role of latex (Guarneri et al). 2006;117:957-8 (Correspondence)
**Mannan-binding lectin**
Functional polymorphisms in the mannan-binding lectin 2 gene: effect on MBL levels and otitis media (Wiertsema et al). 2006;117:1344-50
**Mast cells**
Anti-IgE as a mast cell-stabilizing therapeutic agent (Chang and Shiung). 2006;117:1203-12 (Review)
Extracutaneous mastocytoma (Castells). 2006;117:1513-5 (Images in allergy and immunology)
LL-37: peptide antibiotics and airway smooth muscle (Leung et al). 2006;117:1202 (The editors' choice)
Mast cell biology in evolution (Metcalfe and Boyce). 2006;117:1227-9 (Editorial)
Mast cells: ontogeny, homing and recruitment of a unique innate effector cell (Gurish and Boyce). 2006;117:1285-91 (Rostrum)
Mast cells regulates procollagen I ($\alpha_1$) production by bronchial fibroblasts derived from subjects with asthma through IL-4/IL-4δ2 ratio (Plante et al). 2006;117:1321-7
Molecular regulation of mast cell activation (Rivera and Gilfillan). 2006;117:1214-25 (Review)
The role of the mast cell in the pathophysiology of asthma (Bradding et al). 2006;117:1277-84 (Review)
Tryptase genetics and anaphylaxis (Caughey). 2006;117:1411-4
**Mastocytoma**
Extracutaneous mastocytoma (Castells). 2006;117:1513-5 (Images in allergy and immunology)
**Matrix metalloproteinase 2;** *see* Gelatinase A
**Matrix metalloproteinase 9**
Airway distribution of MMP-9 and TIMP-1 might contribute to remodeling (Leung et al). 2006;117:486 (The editors' choice)
Remodeling associated expression of matrix metalloproteinase 9 but not tissue inhibitor of metalloproteinase 1 in airway epithelium: Modulation by immunostimulatory DNA (Cho et al). 2006;117:618-25
**Matrix metalloproteinases**
Skin homing of Langerhans cell precursors: Adhesion, chemotaxis, and migration (Koch et al). 2006;117:163-8 (Review)
**Measles-mumps-rubella vaccine**
Allergic disease and sensitization in Steiner school children (Flöistrup et al). 2006;117:59-66
**Membrane glycoproteins**
No more misunderstanding perforin (Zweiman and Rothenberg). 2006;117:966 (Beyond our pages)
**Membrane proteins**
Molecular basis of common variable immunodeficiency (Castigli and Geha). 2006;117:740-6 (Review)
TACI mutation with invasive polyclonal $CD8^+$ T-cell lymphoproliferation in a patient with common variable immunodeficiency (Berglund et al). 2006;117:870-7 (Case study)

**Menarche**
Endogenous and exogenous sex steroid hormones and asthma and wheeze in young women (Salam et al). 2006;117:1001-7
**Metapneumovirus**
Wheezing in patients with human metapneumovirus infection (Schildgen et al). 2006;117:223 (Correspondence)
Wheezing in patients with human metapneumovirus infection (Williams et al). 2006;117:223-4 (Letter reply)
**Methacholine**
The bronchoprotective effect of inhaling methacholine by using total lung capacity inspirations has a marked influence on the interpretation of the test result (Cockcroft and Davis). 2006;117:1244-8 (Rostrum)
Deep inhalation bronchoprotection in asthma: Correlation with airway responsiveness (Cockcroft and Davis). 2006;117:951-2 (Letters to the editor)
G protein–coupled receptor 154 gene polymorphism is associated with airway hyperresponsiveness to methacholine in a Chinese population (Feng et al). 2006;117:612-7
Safety of methacholine challenges in a multicenter pediatric asthma study (Covar et al). 2006;117: 709-11 (Letters to the editor)
**Milk, human**
Breast milk fatty acids and allergic disease in preschool children: The Prevention and Incidence of Asthma and Mite Allergy birth cohort study (Wijga et al). 2006;117:440-7
**Milk hypersensitivity**
Infant formulas for primary allergy prevention (Hays). 2006;117:471-2 (Correspondence)
Infant formulas for primary allergy prevention (Friedman and Zeiger). 2006;117:472 (Letter reply)
**Mites**
Are atopy and specific IgE to mites and molds important for adult asthma? (Jaakkola et al). 2006;117:642-8
Does early indoor microbial exposure reduce the risk of asthma? The prevention and incidence of asthma and mite allergy birth cohort study (Douwes et al). 2006;117:1067-73
Toll-like receptor 2 ligands inhibit $T_H2$ responses to mite allergen (Taylor et al). 2006;117:1148-54
**Mold;** *see* Fungi
**Monoclonal antibodies**
Anti-IgE: lessons learned from effects on airway inflammation and asthma exacerbation (Fahy). 2006;117:1230-2 (Review)
Anti-IgE as a mast cell-stabilizing therapeutic agent (Chang and Shiung). 2006;117:1203-12 (Review)
Downregulation of IgE antibody and allergic responses in the lung by epidermal biolistic microparticle delivery (Kendall et al). 2006;117: 275-82
Identification of basophils by a mAb directed against pro–major basic protein 1 (Plager et al). 2006;117: 626-34
Spatial clustering of the IgE epitopes on the major timothy grass pollen allergen Phl p 1: importance for allergenic activity (Flicker et al). 2006;117: 1336-43
**Monocytes**
Bruton's tyrosine kinase is not essential for LPS-induced activation of human monocytes (de Diego et al). 2006;117:1462-9
Staphylococcal enterotoxin B inhibits regulatory T cells by inducing glucocorticoid-induced TNF receptor-related protein ligand on monocytes (Cardona et al). 2006;117:688-95
**Montelukast**
Intra- and interindividual responses to fluticasone and montelukast in pediatric asthma (Leung et al). 2006;117:1 (The editors' choice)
Leukotriene pathways and the variation in clinical response to montelukast in asthmatic patients (Zweiman and Rothenberg). 2006;117:1516 (Beyond our pages)
Response profiles to fluticasone and montelukast in mild-to-moderate persistent childhood asthma (Zeiger et al). 2006;117:45-52
**Mortality**
A historical perspective of the New Zealand asthma mortality epidemics (Beasley). 2006;117:225-8 (The allergy archives)
Is there a problem with inhaled long-acting β-adrenergic agonists? (Nelson). 2006;117:3-16 (Review)
The widening black/white gap in asthma hospitalizations and mortality (Gupta et al). 2006;117:351-8
**Mucins**
Gob-5 knockout mice (Zweiman and Rothenberg). 2006;117:719 (Beyond our pages)
**Mucociliary clearance**
Mucous production (Zweiman and Rothenberg). 2006;117:1200 (Beyond our pages)
**Mucoproteins**
Gob-5 knockout mice (Zweiman and Rothenberg). 2006;117:719 (Beyond our pages)
**Mutation**
Mutations in the RNA component of RNase mitochondrial RNA processing might cause Omenn syndrome (Roifman et al). 2006;117: 897-903
No more misunderstanding perforin (Zweiman and Rothenberg). 2006;117:966 (Beyond our pages)
***Mycoplasma pneumoniae***
Mycoplasma in severe asthma (Kraft and Hamid). 2006;117:1197-8 (Images in allergy and immunology)
**Mycoses**
The medical effects of mold exposure (Bush et al). 2006;117:326-33

## N

**Nasal fluid lavage**
Epithelial shedding is associated with nasal reactions to cold, dry air (Cruz et al). 2006;117:1351-8
Nasal inflammation and personal exposure to fine particles (2.5 μm in diameter) in asthmatic children (Nikasinovic et al). 2006;117:1382-8

**Nasal mucosa**
Aspirin-sensitive rhinosinusitis is associated with reduced E-prostanoid 2 receptor expression on nasal mucosal inflammatory cells (Ying et al). 2006;117:312-8
A defect in nasal mucosal water homeostasis detected? (Leung et al). 2006;117:1201 (The editors' choice)

**Nasal provocation tests**
Epithelial shedding is associated with nasal reactions to cold, dry air (Cruz et al). 2006;117:1351-8

**Nasopharyngeal aspiration**
Parental tobacco smoking is associated with augmented IL-13 secretion in children with allergic asthma (Feleszko et al). 2006;117: 97-102

**Nebulizers and inhalers**
Asthma control can be maintained when fluticasone propionate/salmeterol in a single inhaler is stepped down (Bateman et al). 2006;117:563-70
Bronchial challenges in athletes applying to inhale a $\beta_2$-agonist at the 2004 Summer Olympics (Anderson et al). 2006;117:767-73
Deep inhalation bronchoprotection in asthma: Correlation with airway responsiveness (Cockcroft and Davis). 2006;117:951-2 (Letters to the editor)
Does regional lung deposition of inhaled β-agonists determine bronchodilator responses? (Zweiman and Rothenberg). 2006;117:965 (Beyond our pages)
Helium/oxygen-driven albuterol nebulization in the treatment of asthma exacerbations in children (Zweiman and Rothenberg). 2006;117:230 (Beyond our pages)
Response to inhaled albuterol during nocturnal asthma (Hendeles et al) (2004;113:1058-62) Correction 2006;117:773

**Nerve growth factors**
Airway epithelial cells produce neurotrophins and promote the survival of eosinophils during allergic airway inflammation (Hahn et al). 2006;117: 787-94
Neurotrophins and asthma: Novel insight into neuroimmune interaction (Nockher and Renz). 2006;117:67-71 (Review)
Neurotrophins in allergic diseases: From neuronal growth factors to intercellular signaling molecules (Nockher and Renz). 2006;117:583-9

**Nervous system diseases**
The use of intravenous immunoglobulin in human disease: A review of evidence by members of the Primary Immunodeficiency Committee of the American Academy of Allergy, Asthma, and Immunology (Orange et al). 2006;117:S525-53

**Neuroimmunomodulation**
Neurotrophins and asthma: Novel insight into neuroimmune interaction (Nockher and Renz). 2006;117:67-71 (Review)

**Neurotrophins;** *see* Nerve growth factors

**Neutrophils**
LL-37: peptide antibiotics and airway smooth muscle (Leung et al). 2006;117:1202 (The editors' choice)

**New Zealand**
A historical perspective of the New Zealand asthma mortality epidemics (Beasley). 2006;117:225-8 (The allergy archives)

**NF-kappa B**
Acute *Pseudomonas* challenge in cystic fibrosis mice causes prolonged nuclear factor-κB activation, cytokine secretion, and persistent lung inflammation (Saadane et al). 2006;117:1163-9
No decoy this time (Zweiman and Rothenberg). 2006;117:484 (Beyond our pages)

**Nitric oxide**
Daily home measurements of exhaled nitric oxide in asthmatic children during natural birch pollen exposure (Vahlkvist et al). 2006;117:1272-6
Infants and toddlers without asthma with eczema have elevated exhaled nitric oxide levels (Dinakar et al). 2006;117:212-3 (Letters to the editor)
Nitric oxide as a clinical guide for asthma management (Taylor). 2006;117:259-62 (Review)
Problems with using exhaled nitric oxide to guide asthma treatment (Hargreave and Parameswaran). 2006;117:1511 (Correspondence)
Problems with using exhaled nitric oxide to guide asthma treatment (Taylor). 2006;117:1511-2 (Letter reply)
Response profiles to fluticasone and montelukast in mild-to-moderate persistent childhood asthma (Zeiger et al). 2006;117:45-52

**Nitrogen dioxide**
Indoor nitrogen dioxide exposure of asthmatic children (Zweiman and Rothenberg). 2006;117: 483 (Beyond our pages)

**Nonsteroidal antiinflammatory drugs;** *see* Anti-inflammatory agents, non-steroidal

**North America**
The use of magnesium sulfate in acute asthma: Rapid uptake of evidence in North American emergency departments (Rowe and Camargo). 2006;117:53-8

**Nut hypersensitivity**
Diagnostic accuracy of skin prick testing in children with tree nut allergy (Ho et al). 2006;117:1506-8 (Letters to the editor)

**Nutrition**
Nutritional supplements and pediatric upper respiratory tract illnesses (Devereux and Seaton). 2006;117:954 (Letter reply)
Nutritional supplements and pediatric upper respiratory tract illnesses (Linday). 2006;117: 953-4 (Correspondence)

## O

**Obesity**
Ghrelin and leptin: A link between obesity and allergy? (Matsuda et al). 2006;117:705-6 (Letters to the editor)
Obesity and airway inflammation in asthma (Barros et al). 2006;117:1501-2 (Letters to the editor)
**Occupational diseases**
Advances in environmental and occupational disorders (Bush and Peden). 2006;117:1367-73 (Review)
**Occupational exposure**
Airway inflammation in occupational asthma caused by styrene (Fernández-Nieto et al). 2006;117: 948-50 (Letters to the editor)
Exposure to the fish parasite *Anisakis* causes allergic airway hyperreactivity and dermatitis (Nieuwenhuizen et al). 2006;117: 1098-1105
Is occupational asthma to diisocyanates a non–IgE-mediated disease? (Jones et al). 2006;117:663-9
Not all worms prevent allergies (Leung et al). 2006;117:968 (The editors' choice)
Prenatal farm exposure and gene regulation in innate immunity (Leung et al). 2006;117:724 (The editors' choice)
Prenatal farm exposure is related to the expression of receptors of the innate immunity and to atopic sensitization in school-age children (Ege et al). 2006;117:817-23
Wheat and maize thioredoxins: A novel cross-reactive cereal allergen family related to baker's asthma (Weichel et al). 2006;117:676-81
**Oligonucleotides**
No decoy this time (Zweiman and Rothenberg). 2006;117:484 (Beyond our pages)
**Omalizumab**
Accuracy of US Food and Drug Administration–cleared IgE antibody assays in the presence of anti-IgE (omalizumab) (Hamilton). 2006;117:759-66
Anti-IgE: lessons learned from effects on airway inflammation and asthma exacerbation (Fahy). 2006;117:1230-2 (Review)
Effect of omalizumab treatment on peripheral eosinophil and T-lymphocyte function in patients with allergic asthma (Noga et al). 2006;117: 1493-9
Omalizumab dosing via the recommended card versus use of the published formula (Rambasek and Kavuru). 2006;117:708-9 (Letters to the editor)
Omalizumab pretreatment decreases acute reactions after rush immunotherapy for ragweed-induced seasonal allergic rhinitis (Casale et al). 2006;117: 134-40
Serologic monitoring of patients receiving anti-IgE therapy (Leung et al). 2006;117:723 (The editors' choice)
Understanding the pathophysiology of severe asthma to generate new therapeutic opportunities (Holgate et al). 2006;117:496-506 (Review)
**Omenn syndrome;** *see* Immunologic deficiency syndrome
**Oseltamivir**
Should physicians prescribe oseltamivir on patient request? (Zweiman and Rothenberg). 2006;117: 1200 (Beyond our pages)
**Otitis media**
Functional polymorphisms in the mannan-binding lectin 2 gene: effect on MBL levels and otitis media (Wiertsema et al). 2006;117:1344-50
**Outcome assessment**
Anthroposophic parents, frequency of medical visits, and choice of physicians (Flöistrup et al). 2006;117:1510-1 (Letter reply)
Anthroposophic parents, frequency of medical visits, and choice of physicians (Freitag). 2006;117:1510 (Correspondence)
Approaches to the treatment of hypereosinophilic syndromes: a workshop summary report (Klion et al). 2006;117:1292-302
ARIA update: I—systematic review of complementary and alternative medicine for rhinitis and asthma (Passalacqua et al). 2006;117: 1054-62 (Review)
Asthma control can be maintained when fluticasone propionate/salmeterol in a single inhaler is stepped down (Bateman et al). 2006;117:563-70
Bone marrow transplantation for SCID—what works best? (Zweiman and Rothenberg). 2006;117:1199 (Beyond our pages)
Does treatment of GERD improve moderate to severe asthma? (Zweiman and Rothenberg). 2006;117: 1516 (Beyond our pages)
Effect of ciclesonide dose and duration of therapy on exercise-induced bronchoconstriction in patients with asthma (Subbarao et al). 2006;117: 1008-13
Effect of omalizumab treatment on peripheral eosinophil and T-lymphocyte function in patients with allergic asthma (Noga et al). 2006;117:1493-9
Efficacy and safety of specific immunotherapy with SQ allergen extract in treatment-resistant seasonal allergic rhinoconjunctivitis (Frew et al). 2006;117: 319-25
Eosinophilic bronchitis in asthma: a model for establishing dose-response and relative potency of inhaled corticosteroids (Kelly et al). 2006;117: 989-94
Etanercept—an effective treatment in refractory asthma? (Zweiman and Rothenberg). 2006;117: 1516-7 (Beyond our pages)
Influence of patients' characteristics and disease management on asthma control (Laforest et al). 2006;117:1404-10
Macrolide antibiotics and asthma treatment (Johnston). 2006;117:1233-6 (Review)

Prognostic factors of asthma severity: a 9-year international prospective cohort study (Marco et al). 2006;117:1249-56
Response profiles to fluticasone and montelukast in mild-to-moderate persistent childhood asthma (Zeiger et al). 2006;117:45-52
Self-administration of C1-inhibitor concentrate in patients with hereditary or acquired angioedema caused by C1-inhibitor deficiency (Levi et al). 2006;117:904-8
Severity, control, and responsiveness in asthma (Stoloff and Boushey). 2006;117:544-8 (Rostrum)
Stepping down therapy in the well-controlled asthma patient (Leung et al). 2006;117:485 (The editors' choice)
Sublingual immunotherapy: a comprehensive review (Cox et al). 2006;117:1021-35 (Task Force Report)
Successful treatment of cold-induced urticaria/anaphylaxis with anti-IgE (Boyce). 2006;117:1415-8 (Case study)
Using pharmacy β-agonist dispensing data to assess asthma control (Leung et al). 2006;117:967 (The editors' choice)
Validation of a β-agonist long-term asthma control scale derived from computerized pharmacy data (Schatz et al). 2006;117:995-1000

**Ovalbumin**
The complement component C3 plays a critical role in both $T_H1$ and $T_H2$ responses to antigen (Yalcindag et al). 2006;117:1455-61
Hierarchical suppression of asthma-like responses by mucosal tolerance (Keller et al). 2006;117:283-90
Role of CCL21 and CCL19 in allergic inflammation in the ovalbumin-specific murine asthmatic model (Yamashita et al). 2006;117:1040-6

**Oxygen**
Helium/oxygen-driven albuterol nebulization in the treatment of asthma exacerbations in children (Zweiman and Rothenberg). 2006;117:230 (Beyond our pages)

**P**

**Parecoxib**
Parecoxib tolerability in patients with hypersensitivity to nonsteroidal antiinflammatory drugs (Viola et al). 2006;117:1189-90 (Letters to the editor)

**Patient care**
The influence of health disparities on individual patient outcomes: What is the link between genes and environment? (Apter). 2006;117:345-50 (Editorial)
Influence of patients' characteristics and disease management on asthma control (Laforest et al). 2006;117:1404-10

**Peanut hypersensitivity**
Determination of no-observed-adverse-effect levels and eliciting doses in a representative group of peanut-sensitized children (Flinterman et al). 2006;117:448-54

**Pediatric, asthma**
Nutritional supplements and pediatric upper respiratory tract illnesses (Devereux and Seaton). 2006;117:954 (Letter reply)
Nutritional supplements and pediatric upper respiratory tract illnesses (Linday). 2006;117:953-4 (Correspondence)

**Penicillins**
The contribution of major and minor determinants from benzylpenicillin to the diagnosis of immediate allergy to β-lactams (Bousquet and Demoly). 2006;117:220-1 (Letter reply)
The contribution of major and minor determinants from benzylpenicillin to the diagnosis of immediate allergy to β-lactams (Torres and Blanca). 2006;117:220-1 (Correspondence)
Cross-reactivity between cephalosporins and penicillins (Leung et al). 2006;117:231 (The editors' choice)
Immediate allergic reactions to cephalosporins: Evaluation of cross-reactivity with a panel of penicillins and cephalosporins (Antunez et al). 2006;117:404-10

**Perforin;** *see* Membrane glycoproteins

***Perilla frutescens***
Two cases of anaphylaxis caused by perilla seed (Jeong). 2006;117:1505-6 (Letters to the editor)

**Phagocytes**
Biological material on inhaled coarse fraction particulate matter activates airway phagocytes *in vivo* in healthy volunteers (Alexis et al). 2006;117:1396-403

**Pharmacies**
Validation of a β-agonist long-term asthma control scale derived from computerized pharmacy data (Schatz et al). 2006;117:995-1000

**Phenotype**
Severe asthma: an overview (Moore and Peters). 2006;117:487-494 (Review)

**Phosphatidylethanolamine**
Recognition of pollen-derived phosphatidylethanolamine by human CD1d-restricted γδ T cells (Russano et al). 2006;117:1178-84

**Phosphodiesterase 4 inhibitor;** *see* Phosphodiesterases

**Phosphodiesterases**
Are phosphodiesterase 4 inhibitors just more theophylline? (Boswell-Smith et al). 2006;117:1237-1243 (Review)

**Phosphoric monoester hydrolases**
No SHIP (Zweiman and Rothenberg). 2006;117:484 (Beyond our pages)

**O-Phthalaldehyde**
Ortho-phthalaldehyde-induced anaphylaxis after laryngoscopy (Suzukawa et al). 2006;117:1500-1 (Letters to the editor)

**Physician attitude**
The use of magnesium sulfate in acute asthma: Rapid uptake of evidence in North American emergency

departments (Rowe and Camargo). 2006;117: 53-8

**Physician-patient relations**

Attaining optimal asthma control: a practice parameter (Li et al) (2005;116:S3-11). Correction 2006;117: 262

**Physician's practice pattern**

Should physicians prescribe oseltamivir on patient request? (Zweiman and Rothenberg). 2006;117: 1200 (Beyond our pages)

**Pigeons;** *see* Columbidae

**Pneumococcal vaccines**

Less frequent invasive pneumococcal disease among older adults since introduction of the pediatric pneumococcal conjugate vaccine (Zweiman and Rothenberg). 2006;117:483 (Beyond our pages)

**Pneumonia**

Acute *Pseudomonas* challenge in cystic fibrosis mice causes prolonged nuclear factor-κB activation, cytokine secretion, and persistent lung inflammation (Saadane et al). 2006;117:1163-9

Update on the role of prostaglandins in allergic lung inflammation: separating friends from foes, harder than you might think (Moore and Peebles). 2006;117:1036-9 (Review)

**Pollen**

Pollen allergens are restricted to few protein families and show distinct patterns of species distribution (Radauer and Breiteneder). 2006;117:141-7

Recognition of pollen-derived phosphatidylethanolamine by human CD1d-restricted γδ T cells (Russano et al). 2006;117:1178-84

**Pollen allergy**

Daily home measurements of exhaled nitric oxide in asthmatic children during natural birch pollen exposure (Vahlkvist et al). 2006;117:1272-6

**Polymorphism**

Analysis of TGF-$\beta_1$ gene polymorphisms in Hong Kong Chinese patients with asthma (Mak et al). 2006;117:92-6

Association between genetic variations of vascular endothelial growth factor receptor 2 and atopy in the Korean population (Park et al). 2006;117:774-9

$\beta_2$-Adrenergic receptor polymorphism in asthma: Prospective versus retrospective perspective (Contopoulos-Ioannidis and Ioannidis). 2006;117: 222-3 (Letter reply)

$\beta_2$-Adrenergic receptor polymorphism in asthma: Prospective versus retrospective perspective (Lee et al). 2006;117:222 (Correspondence)

Confounding effect of atopy on functional effects of the CD14/-159 promoter polymorphism (Böttcher et al). 2006;117:220 (Letter reply)

Confounding effect of atopy on functional effects of the CD14/-159 promoter polymorphism (Reijmerink et al). 2006;117:219 (Correspondence)

Eotaxin polymorphisms and serum total IgE levels in children with asthma (Raby et al). 2006;117: 298-305

Estrogen receptor 1 polymorphisms are associated with airway hyperresponsiveness and lung function decline, particularly in female subjects with asthma (Dijkstra et al). 2006;117: 604-11

Functional polymorphisms in the mannan-binding lectin 2 gene: effect on MBL levels and otitis media (Wiertsema et al). 2006;117: 1344-50

Gene-gene interactions for asthma and plasma total IgE concentration in Chinese children (Chan et al). 2006;117:127-33

G protein–coupled receptor 154 gene polymorphism is associated with airway hyperresponsiveness to methacholine in a Chinese population (Feng et al). 2006;117:612-7

IL-4/IL-13 pathway genetics strongly influence serum IgE levels and childhood asthma (Kabesch et al). 2006;117:269-74

IL-17F sequence variant (His161Arg) is associated with protection against asthma and antagonizes wild-type IL-17F activity (Kawaguchi et al). 2006;117:795-801

Molecular mechanisms of $\beta_2$-adrenergic receptor function, response, and regulation (Johnson). 2006;117:18-24 (Review)

**Polymorphism, single nucleotide**

Association of asthma with a functional promoter polymorphism in the *IL16* gene (Burkart et al). 2006;117:86-91

Genetic polymorphisms in arginase I and II and childhood asthma and atopy (Li et al). 2006;117: 119-26

**Population surveillance**

Bronchodilator responses in Chinese children from asthma index families and the general population (Kumar et al). 2006;117:1257-63

**Practice parameters**

Attaining optimal asthma control: a practice parameter (Li et al) (2005;116:S3-11). Correction 2006;117:262

**Prescriptions, drug**

Reality testing: In reply to Fuhlbrigge and Sullivan (Wolf and Marks). 2006;117:477 (Correspondence)

Should physicians prescribe oseltamivir on patient request? (Zweiman and Rothenberg). 2006;117: 1200 (Beyond our pages)

**Preventive medicine**

Applying epidemiologic concepts of primary, secondary, and tertiary prevention to the elimination of racial disparities in asthma (Joseph et al). 2006;117:233-40 (Review)

**Primary health care**

Severity and impairment of allergic rhinitis in patients consulting in primary care (Bousquet et al). 2006;117:158-62

**Principal component analysis**
The use of principal component analysis to explore relationships between factors (Schatz and Cook). 2006;117:221-2 (Letter reply)
The use of principal component analysis to explore relationships between factors (Upton). 2006;117:221 (Correspondence)
**Pro-alpha1(I) collagen;** *see* Collagen type I
**Procollagen**
Mast cells regulates procollagen I ($\alpha_1$) production by bronchial fibroblasts derived from subjects with asthma through IL-4/IL-4δ2 ratio (Plante et al). 2006;117:1321-7
**Product surveillance, postmarketing**
"Black box" 101: How the Food and Drug Administration evaluates, communicates, and manages drug benefit/risk (Murphy and Roberts). 2006;117:34-9 (Review)
**Prognosis**
Prognostic factors of asthma severity: a 9-year international prospective cohort study (Marco et al). 2006;117:1249-56
**Pro-major basic protein 1;** *see* Eosinophil major basic protein
**Promoter regions**
Association of asthma with a functional promoter polymorphism in the *IL16* gene (Burkart et al). 2006;117:86-91
Confounding effect of atopy on functional effects of the CD14/-159 promoter polymorphism (Böttcher et al). 2006;117:220 (Letter reply)
Confounding effect of atopy on functional effects of the CD14/-159 promoter polymorphism (Reijmerink et al). 2006;117:219 (Correspondence)
**Prostaglandin E2**
Selective downregulation of prostaglandin $E_2$-related pathways by the $T_H2$ cytokine IL-13 (Trudeau et al). 2006;117:1446-54
**Prostaglandin receptors;** *see* Receptors, prostaglandin
**Prostaglandins**
Update on the role of prostaglandins in allergic lung inflammation: separating friends from foes, harder than you might think (Moore and Peebles). 2006;117:1036-9 (Review)
**Prostate-specific antigen**
Prostate-specific antigen as allergen in human seminal plasma allergy (Weidinger et al). 2006;117:213-5 (Letters to the editor)
**Proteases**
Fully active Der p 1 uncovered (Leung et al). 2006;117:485 (The editors' choice)
**Protein tyrosine kinase**
Reduced airway hyperresponsiveness and tracheal responses during allergic asthma in mice lacking tyrosine kinase inducible T-cell kinase (Ferrara et al). 2006;117:780-6
**Proton pump inhibitors**
Hypersensitivity to lansoprazole and rabeprazole with tolerance to other proton pump inhibitors (Pimiento et al). 2006;117:707-8 (Letters to the editor)
***Pseudomonas***
Acute *Pseudomonas* challenge in cystic fibrosis mice causes prolonged nuclear factor-κB activation, cytokine secretion, and persistent lung inflammation (Saadane et al). 2006;117:1163-9
***Pseudomonas aeruginosa***
Pulmonary $T_H2$ response in *Pseudomonas aeruginosa*–infected patients with cystic fibrosis (Hartl et al). 2006;117:204-11
**Psychological stress;** *see* Stress, psychological
**Puberty**
Endogenous and exogenous sex steroid hormones and asthma and wheeze in young women (Salam et al). 2006;117:1001-7
**Publications**
Navigating today's success to prepare for tomorrow's exploration (Leung et al). 2006;117:753-5 (Editorial)

**Q**

**Quality of life**
Predictors of asthma-related health care utilization and quality of life among inner-city patients with asthma (Leung et al) 2005;116:636-42. Correction 2006;117:1140
Severity and impairment of allergic rhinitis in patients consulting in primary care (Bousquet et al). 2006;117:158-62
**Quantitative trait loci**
A genome-wide search for quantitative trait loci contributing to variation in seasonal pollen reactivity (Blumenthal et al). 2006;117:79-85

**R**

**Rabeprazole**
Hypersensitivity to lansoprazole and rabeprazole with tolerance to other proton pump inhibitors (Pimiento et al). 2006;117:707-8 (Letters to the editor)
**Racial disparities**
Applying epidemiologic concepts of primary, secondary, and tertiary prevention to the elimination of racial disparities in asthma (Joseph et al). 2006;117:233-40 (Review)
Genetic epidemiology of health disparities in allergy and clinical immunology (Barnes). 2006;117:243-54 (Review)
The influence of health disparities on individual patient outcomes: What is the link between genes and environment? (Apter). 2006;117:345-50 (Editorial)
The widening black/white gap in asthma hospitalizations and mortality (Gupta et al). 2006;117:351-8
**Ragweed allergy**
Omalizumab pretreatment decreases acute reactions after rush immunotherapy for ragweed-induced seasonal allergic rhinitis (Casale et al). 2006;117:134-40

**Receptor, epidermal growth factor**
Mucous production (Zweiman and Rothenberg). 2006;117:1200 (Beyond our pages)
**Receptors, adrenergic, beta**
$\beta_2$-Adrenergic receptor polymorphism in asthma: Prospective versus retrospective perspective (Contopoulos-Ioannidis and Ioannidis). 2006;117: 222-3 (Letter reply)
$\beta_2$-Adrenergic receptor polymorphism in asthma: Prospective versus retrospective perspective (Lee et al). 2006;117:222 (Correspondence)
Effect of genotype on responses to enantiomers and the significance of the eudismic analysis in asthma research (Ameredes and Panettieri). 2006;117: 712-3 (Letter reply)
Effect of genotype on responses to enantiomers and the significance of the eudismic analysis in asthma research (Jalba). 2006;117:712 (Correspondence)
Molecular mechanisms of $\beta_2$-adrenergic receptor function, response, and regulation (Johnson). 2006;117:18-24 (Review)
**Receptors, antigen, T-cell**
Food antigen causes $T_H2$-dependent enteropathy followed by tissue repair in T-cell receptor transgenic mice (Nakajima-Adachi et al). 2006;117:1125-32
**Receptors, complement**
C5a decoy receptor (Zweiman and Rothenberg). 2006;117:719 (Beyond our pages)
**Receptors, Fc**
New mouse Ig receptor identified: Fc$\gamma$IV (Zweiman and Rothenberg). 2006;117:229 (Beyond our pages)
**Receptors, glucocorticoid**
Increased glucocorticoid receptor–$\beta$ expression, but not decreased histone deacetylase 2, in severe asthma (Bergeron et al). 2006;117:703-5 (Letters to the editor)
**Receptors, G-protein-coupled**
*GPR154* implicated in airway hyperresponsiveness (Leung et al). 2006;117:486 (The editors' choice)
G protein–coupled receptor 154 gene polymorphism is associated with airway hyperresponsiveness to methacholine in a Chinese population (Feng et al). 2006;117:612-7
**Receptors, IgE**
Anti-IgE as a mast cell-stabilizing therapeutic agent (Chang and Shiung). 2006;117:1203-12 (Review)
Molecular regulation of mast cell activation (Rivera and Gilfillan). 2006;117:1214-25 (Review)
**Receptors, interleukin**
IL-31 is associated with cutaneous lymphocyte antigen–positive skin homing T cells in patients with atopic dermatitis (Bilsborough et al) 2006;117:418-25. Correction 2006;117:1124
**Receptors, leukotriene**
Toll-like receptor agonists differentially regulate cysteinyl-leukotriene receptor 1 expression and function in human dendritic cells (Thivierge et al). 2006;117:1155-62
**Receptors, prostaglandin**
Update on the role of prostaglandins in allergic lung inflammation: separating friends from foes, harder than you might think (Moore and Peebles). 2006;117:1036-9 (Review)
**Receptors, prostaglandin E**
Aspirin-sensitive rhinosinusitis is associated with reduced E-prostanoid 2 receptor expression on nasal mucosal inflammatory cells (Ying et al). 2006;117:312-8
Aspirin sensitivity: A deficiency of E-prostanoid 2 ($EP_2$) receptor signaling? (Leung et al). 2006;117: 232 (The editors' choice)
**Receptors, tumor necrosis factor**
Etanercept—an effective treatment in refractory asthma? (Zweiman and Rothenberg). 2006;117: 1516-7 (Beyond our pages)
Etanercept treatment of cutaneous granulomas in common variable immunodeficiency (Lin et al). 2006;117:878-82 (Case study)
Molecular basis of common variable immunodeficiency (Castigli and Geha). 2006;117: 740-6 (Review)
Staphylococcal enterotoxin B inhibits regulatory T cells by inducing glucocorticoid-induced TNF receptor-related protein ligand on monocytes (Cardona et al). 2006;117:688-95
TACI mutation with invasive polyclonal $CD8^+$ T-cell lymphoproliferation in a patient with common variable immunodeficiency (Berglund et al). 2006;117:870-7 (Case study)
Understanding the pathophysiology of severe asthma to generate new therapeutic opportunities (Holgate et al). 2006;117:496-506 (Review)
**Referral and consultation**
Consultation and referral guidelines citing the evidence: How the allergist-immunologist can help (Schatz and Leung). 2006;117:S495-S523
**Research**
Anaphylaxis and American Academy of Allergy, Asthma, and Immunology (Lieberman et al). 2006;117:478-82 (The allergy archives)
**Respiratory function tests**
The bronchoprotective effect of inhaling methacholine by using total lung capacity inspirations has a marked influence on the interpretation of the test result (Cockcroft and Davis). 2006;117:1244-8 (Rostrum)
The natural history of adult asthma (Leung et al). 2006;117:1201 (The editors' choice)
**Respiratory insufficiency**
Evaluation of near-fatal reactions to allergen immunotherapy injections (Amin et al). 2006;117:169-75
**Respiratory syncytial virus**
Bidirectional interactions between viral respiratory illnesses and cytokine responses in the first year of life (Gern et al). 2006;117:72-8

**Respiratory tract disease**
"Black box" warning: Wake-up call or overreaction? (Szefler et al). 2006;117:26-9 (Editorial)
**Rhinitis**
Advances in upper airway diseases and allergen immunotherapy (Nelson). 2006;117:1047-53 (Review)
ARIA update: I—systematic review of complementary and alternative medicine for rhinitis and asthma (Passalacqua et al). 2006;117: 1054-62 (Review)
Aspirin-sensitive rhinosinusitis is associated with reduced E-prostanoid 2 receptor expression on nasal mucosal inflammatory cells (Ying et al). 2006;117:312-8
Aspirin sensitivity: A deficiency of E-prostanoid 2 ($EP_2$) receptor signaling? (Leung et al). 2006;117: 232 (The editors' choice)
**Rhinitis, allergic**
Severity and impairment of allergic rhinitis in patients consulting in primary care (Bousquet et al). 2006;117:158-62
**Rhinitis, allergic, perennial**
A defect in nasal mucosal water homeostasis detected? (Leung et al). 2006;117:1201 (The editors' choice)
Dissecting the effect of farm exposure on allergy (Leung et al). 2006;117:1202 (The editors' choice)
IL-15 prevents allergic rhinitis through reactivation of antigen-specific $CD8^+$ cells (Aoi et al). 2006;117: 1359-66
**Rhinitis, allergic, seasonal;** *see* Hay fever
**Rhinoconjunctivitis**
Allergic disease and sensitization in Steiner school children (Flöistrup et al). 2006;117:59-66
Double-blind, placebo-controlled study with a modified therapeutic vaccine of *Salsola kali* (Russian thistle) administered through use of a cluster schedule (Colás et al). 2006;117:810-6
Efficacy and safety of specific immunotherapy with SQ allergen extract in treatment-resistant seasonal allergic rhinoconjunctivitis (Frew et al). 2006;117: 319-25
Sublingual immunotherapy with once-daily grass allergen tablets: A randomized controlled trial in seasonal allergic rhinoconjunctivitis (Durham et al). 2006;117:802-9
**Rhinosinusitis;** *see* Rhinitis; Sinusitis
**Rhinovirus**
Bidirectional interactions between viral respiratory illnesses and cytokine responses in the first year of life (Gern et al). 2006;117:72-8
Vascular endothelial growth factor-mediated induction of angiogenesis by human rhinoviruses (Psarras et al). 2006;117:291-7
Viral specimen collection by parents increases response rate in population-based virus studies (Lemanske et al). 2006;117:956-7 (Letter reply)
Viral specimen collection by parents increases response rate in population-based virus studies (van der Zalm et al). 2006;117:955-6 (Correspondence)
**Ribonucleases**
Mutations in the RNA component of RNase mitochondrial RNA processing might cause Omenn syndrome (Roifman et al). 2006;117:897-903
**Risk assessment**
Anaphylaxis, killer allergy: Long-term management in the community (Simons). 2006;117:367-77 (Review)
**Risk factors**
Allergic disease and sensitization in Steiner school children (Flöistrup et al). 2006;117:59-66
Differential effects of risk factors on infant wheeze and atopic dermatitis emphasize a different etiology (Linneberg et al). 2006;117:184-9
Does early indoor microbial exposure reduce the risk of asthma? The prevention and incidence of asthma and mite allergy birth cohort study (Douwes et al). 2006;117:1067-73
Immunologic risk factors for wheezing in infancy (Leung et al). 2006;117:2 (The editors' choice)
**Risk management**
"Black box" 101: How the Food and Drug Administration evaluates, communicates, and manages drug benefit/risk (Murphy and Roberts). 2006;117:34-9 (Review)
**Risk-taking**
Risk-taking and coping strategies of adolescents and young adults with food allergy (Sampson et al). 2006;117:1440-45
**RNA**
Mutations in the RNA component of RNase mitochondrial RNA processing might cause Omenn syndrome (Roifman et al). 2006;117:897-903
**Rotavirus vaccines**
New rotavirus vaccines on the scene (Zweiman and Rothenberg). 2006;117:965 (Beyond our pages)
**Rural health**
Prenatal farm exposure and gene regulation in innate immunity (Leung et al). 2006;117:724 (The editors' choice)
Prenatal farm exposure is related to the expression of receptors of the innate immunity and to atopic sensitization in school-age children (Ege et al). 2006;117:817-23
**Russia**
Allergy: The price paid for longevity and social wealth? (Gold). 2006;117:148-50 (Editorial)
Growing disparities in atopy between the Finns and the Russians: A comparison of 2 generations (von Hertzen et al). 2006;117:151-7

## S

**Salmeterol**
Asthma control can be maintained when fluticasone propionate/salmeterol in a single inhaler is stepped down (Bateman et al). 2006;117:563-70

***Salsola kali***
Double-blind, placebo-controlled study with a modified therapeutic vaccine of *Salsola kali* (Russian thistle) administered through use of a cluster schedule (Colás et al). 2006;117:810-6
**Seasonal allergic rhinitis;** *see* Hay fever
**Semen**
Prostate-specific antigen as allergen in human seminal plasma allergy (Weidinger et al). 2006;117:213-5 (Letters to the editor)
**Sensitization**
Allergic disease and sensitization in Steiner school children (Flöistrup et al). 2006;117:59-66
Bites of the European pigeon tick *(Argas reflexus):* Risk of IgE-mediated sensitizations and anaphylactic reactions (Kleine-Tebbe et al). 2006;117:190-5
Determination of no-observed-adverse-effect levels and eliciting doses in a representative group of peanut-sensitized children (Flinterman et al). 2006;117:448-54
Does early indoor microbial exposure reduce the risk of asthma? The prevention and incidence of asthma and mite allergy birth cohort study (Douwes et al). 2006;117:1067-73
Exposure to the fish parasite *Anisakis* causes allergic airway hyperreactivity and dermatitis (Nieuwenhuizen et al). 2006;117:1098-1105
Prenatal farm exposure is related to the expression of receptors of the innate immunity and to atopic sensitization in school-age children (Ege et al). 2006;117:817-23
**Sequence analysis, protein**
Pollen allergens are restricted to few protein families and show distinct patterns of species distribution (Radauer and Breiteneder). 2006;117:141-7
**Severe combined immunodeficiency**
Bone marrow transplantation for SCID—what works best? (Zweiman and Rothenberg). 2006;117:1199 (Beyond our pages)
**Sex hormones**
Sex hormones matter for asthma and wheeze in women (Leung et al). 2006;117:967 (The editors' choice)
**Sex steroid hormones;** *see* Gonadal steroid hormones
**SHIP;** *see* Phosphoric monoester hydrolases
**Sinusitis**
Advances in upper airway diseases and allergen immunotherapy (Nelson). 2006;117:1047-53 (Review)
Aspirin-sensitive rhinosinusitis is associated with reduced E-prostanoid 2 receptor expression on nasal mucosal inflammatory cells (Ying et al). 2006;117:312-8
Aspirin sensitivity: A deficiency of E-prostanoid 2 ($EP_2$) receptor signaling? (Leung et al). 2006;117:232 (The editors' choice)
**Skin tests**
Bites of the European pigeon tick *(Argas reflexus):* Risk of IgE-mediated sensitizations and anaphylactic reactions (Kleine-Tebbe et al). 2006;117:190-5
Chronic urticaria sera increase basophil CD203c expression (Yasnowsky et al). 2006;117:1430-34
The contribution of major and minor determinants from benzylpenicillin to the diagnosis of immediate allergy to β-lactams (Bousquet and Demoly). 2006;117:220-1 (Letter reply)
The contribution of major and minor determinants from benzylpenicillin to the diagnosis of immediate allergy to β-lactams (Torres and Blanca). 2006;117:220-1 (Correspondence)
Diagnostic accuracy of skin prick testing in children with tree nut allergy (Ho et al). 2006;117:1506-8 (Letters to the editor)
Genetic polymorphisms in arginase I and II and childhood asthma and atopy (Li et al). 2006;117:119-26
A genome-wide search for quantitative trait loci contributing to variation in seasonal pollen reactivity (Blumenthal et al). 2006;117:79-85
Incidence of parentally reported and clinically diagnosed food hypersensitivity in the first year of life (Venter et al). 2006;117:1118-24
*In vivo* assessment with prick-to-prick testing and double-blind, placebo-controlled food challenge of allergenicity of apple cultivars (Bolhaar et al) (2005;116:1080-6). Correction 2006;117:189
Plasma of patients with chronic urticaria shows signs of thrombin generation, and its intradermal injection causes wheal-and-flare reactions much more frequently than autologous serum (Asero et al). 2006;117:1113-7
Skin prick test to egg white provides additional diagnostic utility to serum egg white–specific IgE antibody concentration in children (Knight et al). 2006;117:842-7
Systemic reactions during skin tests with β-lactams: A risk factor analysis (Co Minh et al). 2006;117:466-7 (Letters to the editor)
**Sleep**
Severity and impairment of allergic rhinitis in patients consulting in primary care (Bousquet et al). 2006;117:158-62
**Smallpox vaccine**
Adverse events associated with smallpox vaccination (Zweiman and Rothenberg). 2006;117:718 (Beyond our pages)
**Smooth muscle cells**
The antimicrobial peptide LL-37 enhances IL-8 release by human airway smooth muscle cells (Zuyderduyn et al). 2006;117:1328-35
LL-37: peptide antibiotics and airway smooth muscle (Leung et al). 2006;117:1202 (The editors' choice)
The role of the mast cell in the pathophysiology of asthma (Bradding et al). 2006;117:1277-84 (Review)

**Socioeconomic status**
Socioeconomic status and inflammatory processes in childhood asthma: the role of psychological stress (Chen et al). 2006;117:1014-20
**Somatic hypermutation, immunoglobulin**
Defects of class-switch recombination (Notarangelo et al). 2006;117:855-64 (Review)
**Sputum**
Problems with using exhaled nitric oxide to guide asthma treatment (Hargreave and Parameswaran). 2006;117:1511 (Correspondence)
Problems with using exhaled nitric oxide to guide asthma treatment (Taylor). 2006;117:1511-2 (Letter reply)
***Staphylococcus aureus***
Human dendritic cells conditioned with *Staphylococcus aureus* enterotoxin B promote $T_H2$ cell polarization (Mandron et al). 2006;117:1141-7
Staphylococcal enterotoxin B inhibits regulatory T cells by inducing glucocorticoid-induced TNF receptor-related protein ligand on monocytes (Cardona et al). 2006;117:688-95
*Staphylococcus aureus* enterotoxin B enhances allergic responses (Leung et al). 2006;117:968 (The editors' choice)
**Steroids**
Vitamins for steroid-resistant asthma (Zweiman and Rothenberg). 2006;117:1200 (Beyond our pages)
**Stings;** *see* Insect bites and stings
**Stress, psychological**
Socioeconomic status and inflammatory processes in childhood asthma: the role of psychological stress (Chen et al). 2006;117:1014-20
**Styrene**
Airway inflammation in occupational asthma caused by styrene (Fernández-Nieto et al). 2006;117:948-50 (Letters to the editor)
**Szentivanyi, Andor**
In lasting tribute (Lockey). 2006;117:32-3

## T

**TACI;** *see* Membrane proteins; Receptors, tumor necrosis factor
**Th1 cells**
The complement component C3 plays a critical role in both $T_H1$ and $T_H2$ responses to antigen (Yalcindag et al). 2006;117:1455-61
Pulmonary $T_H2$ response in *Pseudomonas aeruginosa*–infected patients with cystic fibrosis (Hartl et al). 2006;117:204-11
**Th2 cells**
The complement component C3 plays a critical role in both $T_H1$ and $T_H2$ responses to antigen (Yalcindag et al). 2006;117:1455-61
Food antigen causes $T_H2$-dependent enteropathy followed by tissue repair in T-cell receptor transgenic mice (Nakajima-Adachi et al). 2006;117:1125-32
House dust extracts have both $T_H2$ adjuvant and tolerogenic activities (Ng et al). 2006;117:1074-81
Human dendritic cells conditioned with *Staphylococcus aureus* enterotoxin B promote $T_H2$ cell polarization (Mandron et al). 2006;117:1141-7
Pulmonary $T_H2$ response in *Pseudomonas aeruginosa*–infected patients with cystic fibrosis (Hartl et al). 2006;117:204-11
Selective downregulation of prostaglandin $E_2$-related pathways by the $T_H2$ cytokine IL-13 (Trudeau et al). 2006;117:1446-54
Toll-like receptor 2 ligands inhibit $T_H2$ responses to mite allergen (Taylor et al). 2006;117:1148-54
**Theophylline**
Are phosphodiesterase 4 inhibitors just more theophylline? (Boswell-Smith et al). 2006;117:1237-1243 (Review)
**Thioredoxin**
Wheat and maize thioredoxins: A novel cross-reactive cereal allergen family related to baker's asthma (Weichel et al). 2006;117:676-81
**Thrombin**
Plasma of patients with chronic urticaria shows signs of thrombin generation, and its intradermal injection causes wheal-and-flare reactions much more frequently than autologous serum (Asero et al). 2006;117:1113-7
**Thymus**
Association of $CD4^+$ T-lymphocyte counts and new thymic emigrants in HIV-infected children during successful highly active antiretroviral therapy (Saitoh et al). 2006;117:909-15
**Tissue inhibitor of metalloproteinase 1**
Airway distribution of MMP-9 and TIMP-1 might contribute to remodeling (Leung et al). 2006;117:486 (The editors' choice)
Remodeling associated expression of matrix metalloproteinase 9 but not tissue inhibitor of metalloproteinase 1 in airway epithelium: Modulation by immunostimulatory DNA (Cho et al). 2006;117:618-25
**T lymphocytes**
Absence of T-regulatory cell expression and function in atopic dermatitis skin (Verhagen et al). 2006;117:176-83
Activin A is an acute allergen-responsive cytokine and provides a link to TGF-β-mediated airway remodeling in asthma (Karagiannidis et al). 2006;117:111-8
Association of $CD4^+$ T-lymphocyte counts and new thymic emigrants in HIV-infected children during successful highly active antiretroviral therapy (Saitoh et al). 2006;117:909-15
Bug juice (Zweiman and Rothenberg). 2006;117:719 (Beyond our pages)
$CD8^+$ T lymphocytes and leukotriene $B_4$: Novel interactions in the persistence and progression of asthma (Gelfand and Dakhama). 2006;117:577-82 (Rostrum)

Cytokine production by bronchoalveolar lavage T lymphocytes in chronic obstructive pulmonary disease (Barczyk et al). 2006;117:1484-92
Decreased $CD4^+$ lymphocytes and innate immune responses in adults with previous extrapulmonary tuberculosis (Antas et al). 2006;117:916-23
Effect of omalizumab treatment on peripheral eosinophil and T-lymphocyte function in patients with allergic asthma (Noga et al). 2006;117:1493-9
Enhanced frequency of immunoregulatory invariant natural killer T cells in the airways of children with asthma (Pham-Thi et al). 2006;117:217-8 (Letters to the editor)
IL-15 prevents allergic rhinitis through reactivation of antigen-specific $CD8^+$ cells (Aoi et al). 2006;117:1359-66
IL-31: A new link between T cells and pruritus in atopic skin inflammation (Sonkoly et al). 2006;117:411-7
IL-31 links T cells and itch in atopy (Leung et al). 2006;117:231 (The editors' choice)
Long-lasting reactivity and high frequency of drug-specific T cells after severe systemic drug hypersensitivity reactions (Beeler et al). 2006;117:455-62
Low zone tolerance induced by systemic application of allergens inhibits $T_C1$-mediated skin inflammation (Seidel-Guyenot et al). 2006;117:1170-7
Missing $CD25^+FoxP3^+$ T-regulatory cells in atopic dermatitis skin (Leung et al). 2006;117:1 (The editors' choice)
Recognition of pollen-derived phosphatidylethanolamine by human CD1d-restricted γδ T cells (Russano et al). 2006;117:1178-84
Reversing a defect in glucocorticoid-resistant asthma patients (Zweiman and Rothenberg). 2006;117:719 (Beyond our pages)
Staphylococcal enterotoxin B inhibits regulatory T cells by inducing glucocorticoid-induced TNF receptor-related protein ligand on monocytes (Cardona et al). 2006;117:688-95
TACI mutation with invasive polyclonal $CD8^+$ T-cell lymphoproliferation in a patient with common variable immunodeficiency (Berglund et al). 2006;117:870-7 (Case study)
Type I interferons mediate CD8 cell expansion and memory (Zweiman and Rothenberg). 2006;117:229-30 (Beyond our pages)
Unique regulation and role of IL-17 (Zweiman and Rothenberg). 2006;117:230 (Beyond our pages)
Vitamins for steroid-resistant asthma (Zweiman and Rothenberg). 2006;117:1200 (Beyond our pages)
Waking up exhausted T cells (Zweiman and Rothenberg). 2006;117:1200 (Beyond our pages)

**Tobacco smoke pollution**
Genetic polymorphisms in arginase I and II and childhood asthma and atopy (Li et al). 2006;117:119-26
Parental tobacco smoking is associated with augmented IL-13 secretion in children with allergic asthma (Feleszko et al). 2006;117:97-102

**Toll-like receptor 4**
Confounding effect of atopy on functional effects of the CD14/-159 promoter polymorphism (Böttcher et al). 2006;117:220 (Letter reply)
Confounding effect of atopy on functional effects of the CD14/-159 promoter polymorphism (Reijmerink et al). 2006;117:219 (Correspondence)

**Toll-like receptors**
Supernatant of *Bifidobacterium breve* induces dendritic cell maturation, activation, and survival through a Toll-like receptor 2 pathway (Hoarau et al). 2006;117:696-702
Toll-like receptor 2 ligands inhibit $T_H2$ responses to mite allergen (Taylor et al). 2006;117:1148-54
Toll-like receptor agonists differentially regulate cysteinyl-leukotriene receptor 1 expression and function in human dendritic cells (Thivierge et al). 2006;117:1155-62
Toll-like receptor function and signaling (Kaisho et al). 2006;117:979-87 (Review)
Toll-like receptor ligands and atopy: a coin with at least two sides (Horner). 2006;117:1133-40

**Tomography**
The difference between groups and individuals (de Blic et al). 2006;117:955 (Letter reply)
The difference between groups and individuals (Saglani et al). 2006;117:955 (Correspondence)

**Total lung capacity**
The bronchoprotective effect of inhaling methacholine by using total lung capacity inspirations has a marked influence on the interpretation of the test result (Cockcroft and Davis). 2006;117:1244-8 (Rostrum)

**Transcription factors**
Aire out autoimmunity (Zweiman and Rothenberg). 2006;117:483-4 (Beyond our pages)

**Transforming growth factor**
Connective tissue growth factor might play a role in airway remodeling in asthma (Zweiman and Rothenberg). 2006;117:1199 (Beyond our pages)

**Transforming growth factor beta**
Activin A is an acute allergen-responsive cytokine and provides a link to TGF-β-mediated airway remodeling in asthma (Karagiannidis et al). 2006;117:111-8
Analysis of TGF-$\beta_1$ gene polymorphisms in Hong Kong Chinese patients with asthma (Mak et al). 2006;117:92-6
The CC chemokine eotaxin/CCL11 has a selective profibrogenic effect on human lung fibroblasts (Puxeddu et al). 2006;117:103-10

**Transgenes**
Prophylactic and therapeutic intervention in IgE responses by biolistic DNA vaccination primarily

targeting dendritic cells (Sudowe et al). 2006;117: 196-203

**Treatment outcome;** *see* Outcome assessment

**T regulatory cells;** *see* T lymphocytes

**Trimellitic anhydride**

Validation of a mouse model of chemical-induced asthma using trimellitic anhydride, a respiratory sensitizer, and dinitrochlorobenzene, a dermal sensitizer (Vanoirbeek et al). 2006;117:1090-7

***Triticum***

Wheat allergy: a double-blind, placebo-controlled study in adults (Scibilia et al). 2006;117:433-9

Wheat and maize thioredoxins: A novel cross-reactive cereal allergen family related to baker's asthma (Weichel et al). 2006;117:676-81

**Troponin C**

Bla g 6: a troponin C allergen from *Blattella germanica* with IgE binding calcium dependence (Hindley et al). 2006;117:1389-95

**Tryptase**

Extracutaneous mastocytoma (Castells). 2006;117: 1513-5 (Images in allergy and immunology)

Prolonged elevation of serum tryptase in idiopathic anaphylaxis (Shanmugam et al). 2006;117:950-1 (Letters to the editor)

Tryptase genetics and anaphylaxis (Caughey). 2006;117:1411-4

**Tuberculosis**

Decreased $CD4^+$ lymphocytes and innate immune responses in adults with previous extrapulmonary tuberculosis (Antas et al). 2006;117:916-23

**Tyrosine kinase**

Bruton's tyrosine kinase is not essential for LPS-induced activation of human monocytes (de Diego et al). 2006;117:1462-9

**U**

**United States Food and Drug Administration**

"Black box" 101: How the Food and Drug Administration evaluates, communicates, and manages drug benefit/risk (Murphy and Roberts). 2006;117:34-9 (Review)

"Black box" warning: Wake-up call or overreaction? (Szefler et al). 2006;117:26-9 (Editorial)

The "black box" warning and allergy drugs (Aaronson). 2006;117:40-4 (Rostrum)

*Primum non nocere* and "black box" warnings (Pearlman). 2006;117:30-1 (Editorial)

**Urban health**

Cost-effectiveness of home-based interventions should also take into account nonrespiratory indoor health hazards (Charpin). 2006;117:953 (Correspondence)

Cost-effectiveness of home-based interventions should also take into account nonrespiratory indoor health hazards (Kattan et al). 2006;117:953 (Letter reply)

Disconnection of man and the soil: Reason for the asthma and atopy epidemic? (von Hertzen and Haahtela). 2006;117:334-44 (Review)

Endotoxin in inner-city homes: associations with wheeze and eczema in early childhood (Perzanowski et al). 2006;117:1082-9

Predictors of asthma-related health care utilization and quality of life among inner-city patients with asthma (Leung et al) 2005;116:636-42. Correction 2006;117:1140

**Urticaria**

Bedbug bites masquerading as urticaria (Scarupa and Economides). 2006;117:1508-9 (Letters to the editor)

Chronic urticaria sera increase basophil CD203c expression (Yasnowsky et al). 2006;117:1430-34

Plasma of patients with chronic urticaria shows signs of thrombin generation, and its intradermal injection causes wheal-and-flare reactions much more frequently than autologous serum (Asero et al). 2006;117:1113-7

Successful treatment of cold-induced urticaria/anaphylaxis with anti-IgE (Boyce). 2006;117:1415-8 (Case study)

**V**

**Vaccination**

Allergic disease and sensitization in Steiner school children (Flöistrup et al). 2006;117:59-66

Dominance of human innate immune responses in primary *Francisella tularensis* live vaccine strain vaccination (Fuller et al). 2006;117:1186-8 (Letters to the editor)

**Vaccines, DNA**

Prophylactic and therapeutic intervention in IgE responses by biolistic DNA vaccination primarily targeting dendritic cells (Sudowe et al). 2006;117: 196-203

**Virus diseases**

Bidirectional interactions between viral respiratory illnesses and cytokine responses in the first year of life (Gern et al). 2006;117:72-8

Type I interferons mediate CD8 cell expansion and memory (Zweiman and Rothenberg). 2006;117: 229-30 (Beyond our pages)

Wheezing in patients with human metapneumovirus infection (Schildgen et al). 2006;117:223 (Correspondence)

Wheezing in patients with human metapneumovirus infection (Williams et al). 2006;117:223-4 (Letter reply)

**Vitamin D**

Vitamins for steroid-resistant asthma (Zweiman and Rothenberg). 2006;117:1200 (Beyond our pages)

**Vitamin $D_3$;** *see* Cholecalciferol

**W**

**Wheat;** *see Triticum*

**Wheezing**

Bidirectional interactions between viral respiratory illnesses and cytokine responses in the first year of life (Gern et al). 2006;117:72-8

Differential effects of risk factors on infant wheeze and atopic dermatitis emphasize a different etiology (Linneberg et al). 2006;117:184-9
Does early indoor microbial exposure reduce the risk of asthma? The prevention and incidence of asthma and mite allergy birth cohort study (Douwes et al). 2006;117:1067-73
Endogenous and exogenous sex steroid hormones and asthma and wheeze in young women (Salam et al). 2006;117:1001-7
Endotoxin in inner-city homes: associations with wheeze and eczema in early childhood (Perzanowski et al). 2006;117:1082-9
Immunologic risk factors for wheezing in infancy (Leung et al). 2006;117:2 (The editors' choice)
Sex hormones matter for asthma and wheeze in women (Leung et al). 2006;117:967 (The editors' choice)
Viral specimen collection by parents increases response rate in population-based virus studies (Lemanske et al). 2006;117:956-7 (Letter reply)
Viral specimen collection by parents increases response rate in population-based virus studies (van der Zalm et al). 2006;117:955-6 (Correspondence)
Wheezing in patients with human metapneumovirus infection (Schildgen et al). 2006;117:223 (Correspondence)
Wheezing in patients with human metapneumovirus infection (Williams et al). 2006;117:223-4 (Letter reply)

**Wiskott-Aldrich syndrome**
The Wiskott-Aldrich syndrome (Ochs and Thrasher). 2006;117:725-38 (Review)

**X**

**X-linked agammaglobulinemia;** *see* Agammaglobulinemia

**Z**

***Zea mays***
Wheat and maize thioredoxins: A novel cross-reactive cereal allergen family related to baker's asthma (Weichel et al). 2006;117:676-81